# CONSTRUCTION NEWS

*Engineering News-Record, Dec. 17, 1925*

# PROPOSALS

**For proposals Advertised see the pages immediately following the "Construction News" Section.**

| Bids Close | | See Eng. News-Record |
|---|---|---|
| **WATERWORKS** | | |
| Dec. 21 | Senath, Mo. | Dec. 17 |
| Dec. 22 | St. George, N. Y. | Dec. 17 |
| Dec. 23 | Baltimore, Md. | Dec. 17 |
| Jan. 6 | Nashville, Tenn. Adv. Dec. 17. | Dec. 17 |
| Jan. 12 | Toronto, Ont. | Nov. 12 |
| Jan. 12 | Yorkville, O. Adv. Dec. 17. | Dec. 17 |
| Jan. 16 | Auburn, N. Y. Adv. Dec. 17. | Dec. 17 |
| Jan. 21 | Auckland, New Zealand | Nov. 26 |
| Jan. 26 | Warsaw, Ill. | Dec. 17 |
| **SEWERS** | | |
| Dec. 18 | New York, N. Y. | Dec. 17 |
| Dec. 21 | Little Falls, N. J. | Nov. 26 |
| Dec. 22 | Wash., D. C. | Dec. 17 |
| Dec. 22 | Phila., Pa. | Dec. 17 |
| Dec. 23 | Brooklyn, N. Y. | Dec. 17 |
| Dec. 31 | Glendale, Calif. | Dec. 17 |
| **WASTE DISPOSAL** | | |
| Dec. 18 | Franklin, N. J. | Dec. 17 |
| **BRIDGES** | | |
| Dec. 21 | Oswego, Kan. | Dec. 10 |
| Dec. 22 | North Carolina | Nov. 26 |
| Dec. 23 | Marion, Kan. | Dec. 17 |
| Dec. 28 | New York, N. Y. | Dec. 10 |
| Dec. 30 | Baltimore, Md. Adv. Dec. 17. | Dec. 17 |
| Jan. 4 | Mobile, Ala. | Nov. 19 |
| Jan. 4 | Angonia, Kan. | Dec. 10 |
| Jan. 5 | St. Louis, Mo. | Dec. 10 |
| Jan. 5 | Washington | Dec. 17 |
| Jan. 6 | West Palm Beach, Fla. Adv. Dec. 17. | Dec. 17 |
| Jan. 7 | Coffeyville, Kan. | Dec. 10 |
| Jan. 9 | Lane, Kan. | Dec. 10 |
| **EXCAVATION, DRAINAGE IRRIGATION, LEVEES RIVER AND HARBOR** | | |
| Dec. 21 | Birmingham, Ala. | Dec. 3 |
| Dec. 21 | Chicago, Ill. | Dec. 17 |
| Dec. 22 | Merced, Calif. | Dec. 17 |
| Dec. 22 | Jackson, Mo. | Dec. 17 |
| Dec. 22 | Danville, Ill. | Dec. 17 |
| Dec. 22 | Phila., Pa. | Dec. 17 |
| Dec. 30 | Illinois | Dec. 17 |
| Jan. 1 | Brownsville, Tex. | Oct. 1 |
| Jan. 5 | Illinois Adv. Dec. 10 and 17. | Dec. 10 |
| Jan. 6 | Shreveport, La. | Dec. 10 |
| Jan. 6 | Thibodaux, La. | Dec. 17 |
| **STREETS AND ROADS** | | |
| Dec. 18 | New York Adv. Dec. 3 to 17. | Dec. 3 |
| Dec. 18 | St. George, N. Y. | Dec. 17 |
| Dec. 18 | New York, N. Y. | Dec. 17 |
| Dec. 19 | Springfield, O. | Dec. 3 |
| Dec. 19 | Ft. Wayne, Ind. | Dec. 17 |
| Dec. 19 | Kendallville, Ind. | Dec. 17 |
| Dec. 19 | La Porte, Ind. | Dec. 17 |
| Dec. 21 | Bradenton, Fla. | Dec. 3 |
| Dec. 21 | Holdrege, Neb. | Dec. 3 |
| Dec. 21 | Michigan | Dec. 10 |
| Dec. 21 | Lebanon, Mo. | Dec. 17 |
| Dec. 21 | Atlanta, Ga. | Dec. 17 |
| Dec. 22 | Louisiana | Dec. 3 |
| Dec. 22 | Russell, Kan. | Dec. 3 |
| Dec. 22 | Santa Cruz, Calif. | Dec. 10 |
| Dec. 22 | Massachusetts | Dec. 10 |
| Dec. 23 | Brooklyn, N. Y. | Dec. 17 |
| Dec. 23 | Long Island City, N. Y. | Dec. 17 |
| Dec. 23 | Gretna, La. | Nov. 26 |
| Dec. 23 | Alabama | Dec. 3 |
| Dec. 23 | Alabama | Dec. 10 |
| Dec. 24 | Texas | Dec. 17 |
| Dec. 24 | Maple Heights (mail Cleveland), O. | Dec. 17 |
| Dec. 24 | Breckenridge, Tex. | Dec. 17 |
| Dec. 24 | El Paso, Tex. | Dec. 17 |
| Dec. 28 | Los Angeles, Calif. | Dec. 17 |
| Dec. 28 | Vermilion, S. D. | Dec. 17 |
| Dec. 29 | Junction City, Kan. | Dec. 3 |
| Dec. 30 | Belleville, Kan. | Dec. 3 |
| Jan. 1 | Birmingham, Ala. | Dec. 3 |
| Jan. 4 | Wellington, Kan. | Dec. 3 |
| Jan. 5 | Enid, Okla. | Dec. 17 |
| Jan. 5 | St. Louis, Mo. | Dec. 17 |
| Jan. 5 | Garden City, Kan. | Dec. 3 |
| Jan. 5 | Vicksburg, Miss. | Dec. 3 |
| Jan. 5 | Vero Beach, Fla. Adv. Dec. 10 and 17. | Dec. 10 |
| Jan. 6 | Florida Adv. Dec. 10 and 17. | Dec. 10 |
| Jan. 7 | Key West, Fla. Adv. Dec. 17. | Dec. 17 |
| Jan. 8 | Harvard, Kan. | Dec. 10 |
| **BUILDINGS—INDUSTRIAL** | | |
| Dec. 19 | Oaks, Pa. | Dec. 17 |
| Jan. 1 | Fostoria, O. | Dec. 17 |
| **BUILDINGS—COMMERCIAL** | | |
| Dec. 18 | Allentown, Pa. | Dec. 17 |
| Dec. 19 | Miami Beach, Fla. | Dec. 10 |
| Dec. 21 | Phila., Pa. | Dec. 17 |
| Dec. 22 | New Orleans, La. | Dec. 10 |
| Dec. 22 | St. Louis, Mo. | Nov. 26 |
| Dec. 22 | Buffalo, N. Y. | Dec. 17 |
| Dec. 28 | Steelton, Pa. Adv. Dec. 17. | Dec. 17 |
| Jan. 1 | Chicago, Ill. | Nov. 19 |
| Jan. 1 | Duluth, Minn. | Dec. 17 |
| Jan. 4 | Pasadena, Calif. | Dec. 10 |
| Jan. 10 | Duluth, Minn. | Oct. 29 |
| **BUILDINGS—EDUCATIONAL, RELIGIOUS** | | |
| Dec. 18 | Long Beach, N. Y. | Dec. 17 |
| Dec. 19 | Springfield, O. | Dec. 3 |
| Dec. 19 | Detroit, Mich. | Dec. 17 |
| Dec. 21 | Cincinnati, O. | Dec. 10 |
| Dec. 21 | Jackson, Mich. | Dec. 10 |
| Dec. 22 | Roxbury (Boston P. O.), Mass. | Dec. 17 |
| Dec. 22 | St. Louis, Mo. | Dec. 17 |
| Dec. 29 | Totowa (mail Paterson), N. J. | Dec. 17 |
| Dec. 30 | Tulsa, Okla. | Dec. 17 |
| Jan. 1 | Wash., D. C. | Dec. 10 |
| Jan. 2 | Grandview (Columbus P. O.), O. | Dec. 17 |
| Jan. 10 | Muncie, Ind. | Dec. 17 |
| Jan. 11 | Johnstown, Pa. | Dec. 3 |
| Jan. 11 | Johnstown, Pa. | Dec. 17 |
| Feb. 27 | Duluth, Minn. | Dec. 17 |
| **FEDERAL GOVERNMENT WORK** | | |
| Dec. 19 | Dredging, etc.—New York, N. Y. | Nov. 19 |
| Dec. 19 | Dredging Pipe—Norfolk, Va. Adv. Dec. 3 and 17. | Dec. 3 |
| Dec. 21 | Barges—Wash., D. C. | Dec. 3 |
| Dec. 21 | Metal Work—Louisville, Ky. Adv. Dec. 3 to 17. | Dec. 3 |
| Dec. 22 | Administration — Atlanta, Ga. | Nov. 26 |
| Dec. 22 | Administration, etc.—Wash., D. C. | Nov. 26 |
| Dec. 22 | Remodeling—Jamestown, N. Y. | Dec. 10 |
| Dec. 23 | Post Office, etc.—Los Angeles, Calif. | Dec. 3 |
| Dec. 23 | Pipe Line Dredge—Norfolk, Va. Adv. Dec. 10 and 17. | Dec. 10 |
| Dec. 28 | Beartrap Leaves—Louisville, Ky. Adv. Dec. 3 to 17. | Dec. 3 |
| Dec. 28 | Post Office — Lansing, Mich. | Dec. 10 |
| Dec. 28 | Remodeling — Savannah, Ga. | Dec. 10 |
| Dec. 29 | Extensions — Concord, N. H. | Dec. 10 |
| Dec. 30 | Dredging Sleeves — Phila., Pa. | Dec. 10 |
| Jan. 2 | Hull—Vicksburg, Miss. Adv. Dec. 3 to 17. | Dec. 3 |
| Jan. 4 | Plumbing—Chicago, Ill. | Dec. 17 |
| Jan. 4 | Hangar—Kelly Field (Ind. sta. San Antonio), Tex. | Dec. 17 |
| Jan. 5 | Sewer—Atlanta, Ga. | Dec. 17 |
| Jan. 7 | Bridge—Wash., D. C. | Nov. 26 |
| Jan. 11 | Post Office—Janesville, Wis. Adv. Dec. 17. | Dec. 17 |
| Jan. 18 | Hospital—Soldiers Home (br. Sawtelle P. O.), Calif. | Nov. 26 |
| Jan. 19 | Cruiser, etc.—Wash., D. C. | Nov. 19 |
| Jan. 26 | Hospital—Ft. Snelling (br. St. Paul), Minn. Adv. Dec. 17. | Dec. 17 |
| **UNCLASSIFIED** | | |
| Dec. 18 | Special Work—New York, N. Y. | Dec. 10 |
| Dec. 21 | Street Lighting System—Green Bay, Wis. | Dec. 17 |
| Dec. 22 | Heating, Plumbing, etc. — Chicago, Ill. | Dec. 10 |
| Dec. 23 | Generator — Brooklyn, N. Y. | Nov. 26 |
| Jan. 6 | Heating System, etc.—Utica, N. Y. | Dec. 10 |
| Jan. 6 | Sanitary Work—Middletown, N. Y. Adv. Dec. 10 and 17. | Dec. 10 |
| Jan. 12 | Stadium—Johnstown, Pa. | Dec. 17 |
| Jan. 26 | Circuit Breakers, etc.—Wellington, New Zealand | Nov. 26 |
| Feb. 10 | Coal Handling Plants—Melbourne, Australia | Dec. 17 |
| Feb. 16 | Circuit Breakers—Auckland, New Zealand | Dec. 10 |
| **MATERIALS** | | |
| Dec. 23 | Steel—New York, N. Y. | Dec. 17 |
| Dec. 24 | Sand Grit, etc.—Long Island City, N. Y. | Dec. 17 |
| Dec. 24 | Paving Blocks—Long Island City, N. Y. | Dec. 17 |

**Where name of official is not given inquiries should be addressed to City Clerk, County Clerk or corresponding official.**

## Waterworks

**PROPOSED WORK**

**N. Y., Long Island City** — N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, withdrew bids which were to be opened Dec. 11, mains in 22nd Dr., and 22nd Rd., Barnett and Packard Sts., Hopkins, Middleburg Aves., etc., here. Noted Dec. 10.

**N. J., New Brunswick**—Plans improving water supply, dam, pipes, etc., at Lawrence Brook, here. $500,000. E. J. McLaughlin, city clk. Engineer not selected.

**N. J., Rahway**—Bd. Water Comrs. plans improving water plant, installing new gravity filters, chlorinating and pumping equipment, etc. $163,000. T. A. Fyffe, mayor.

**N. C., Asheville**—See "Buildings—Industrial."

**N. C., Kinston**—Plans enlarging water supply, incl. wells, pumps, reservoir, etc. J. May, comr. Water & Light.

**N. C., Monroe**—Plans enlarging water and light systems, also reservoir on Richardsons Creek, 2 mi. from here. $200,000 bonds sold. C. E. Houston, mayor.

**Fla., Lynn Haven**—Voted $60,000 bonds, waterworks.

**Fla., Sarasota** — Voted $150,000 bonds, extending waterworks, incl. wells, reservoirs, pumps, etc. J. R. Brimby, Jr., comr. Noted Nov. 12.

**Ala., Northport**—See "Sewers."

**Miss., Moss Point** — Election Jan. 5, $135,000 bonds, waterworks. H. A. Mentz, Hammond, La., consult. engr.

**O., Cincinnati**—Hamilton Co. plans 31,924 ft. 6 and 8 in. c.i. mains, etc., in Water Supply Line 27, Sanitary Sewer Dists. 4 and 5, $74,531; and 10,903 ft. 6 in. c.i. mains in Water Supply Line 20, Sanitary Sewer Dist. 3, $27,605. L. C. Boyatt, Court House, engr.

**O., Newark**—Making plans several mi. waterworks extension lines and complete sewerage system. $500,000.

**Mich., Detroit**—Southfield Park Waterworks Assn., making plans approximately 2 mi. 8 and 12 in. c.i. mains in Southfield Park, to connect with water system, here. $175,000. G. Kennedy, 616 Transportation Bldg., Detroit, engr.

**Ill., Wilmette**—Making plans waterworks extensions for Gross Point addition. $200,000. C. N. Roberts, 105 North Clark St., Chicago, engr.

**Wis., Williams Bay**—O. J. Lee, village clk., making preliminary plans new waterworks and sewerage systems. To exceed $15,000.

Waterworks (Continued)

**Kan., Herndon**—Defeated $36,000 bonds, waterworks and distribution system. E. T. Archer & Co., 609 New England Bldg., Kansas City, Mo., engrs. Noted Nov. 19.

**Kan., Ransom** — Election soon $36,000 bonds, waterworks. W. B. Rollins & Co., 512 Railway Exch. Bldg., Kansas City, Mo., engrs.

**Kan., Winchester**—City Clerk takes bids about Jan. 1, complete waterworks and distribution system. $32,000 bonds voted. E. T. Archer & Co., New England Bldg., Kansas City, Mo., engrs. Noted Dec. 10.

**Neb., Dawson** — Plans election $20,000 bonds, waterworks, improvements, etc.

**Ark., Fayetteville** — Making preliminary plans water improvement district in vicinity of city hall and Rose Hill Water Impvt. Dist. E. M. Ratliff, Stone Bldg., engr.

**Tex., Alamo** — Voted $25,000 bonds, waterworks. F. J. Denzer, mayor.

**Tex., Kemp**—Voted $85,000 bonds, waterworks improvements, incl. reservoir, pumping equipment, etc. M. Allen, mayor.

**Tex., Tahoka** — Voted $60,000 bonds, waterworks extensions. J. V. Singleton, mayor.

**Tex., Wichita Falls**—Making plans waterworks improvements, investigating Lake Wichita and Lake Kemp as possible sources of supply. $200,000 or more. T. U. Taylor, University of Texas, Austin, engr. Noted Nov. 19.

**Okla., Ft. Cobb**—Election Jan. 5, $40,000 bonds, new waterworks and equipment, incl. 16,700 ft. 4- to 8-in. pipe, deep well pump, etc. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs. Noted Sept. 17.

**Okla., Nash**—Making preliminary plans new waterworks. $30,000. H. G. Wells, mayor. Engineer not selected.

**Wash., Wenatchee** — Plans improving water system next year. $300,000 bond issue authorized for same.

**Calif., Puente**—La Grande Source Water Co. takes bids about Dec. 21, 1,500,000 gal. rein.-con. reservoir. H. B. Watts, Box 1091, engr. Noted Aug. 20.

**Calif., San Francisco**—Making plans extending high pressure system for fire protection in portions of 3rd St., Fairfax and Evans Aves., etc. $25,000 or more. M. M. O'Shaughnessy, 2732 Vallejo St., city engr.

**BIDS DESIRED**

**R. I., Westerly** — See "Contracts Awarded."

**N. Y., Auburn**—Jan. 16, by J. P. Jaeckel, city mgr., 7 m.g.d. and 5 m.g.d. centrifugal pumps direct connected to slip ring, variable speed motor; 2 primer pumps, and 175 hp. gasoline engine. A. J. Adams, ch. engr.; adv. E. N.-R. Dec. 17.

**N. Y., St. George** — Dec. 22, by N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, mains in Beach, Bryant, Carlton, Cromwell, Fiedler, Fremont and Greely Sts., etc., here.

**Md., Baltimore**—Dec. 23, by Bd. Awards, curb stop and roadway valves to Bureau of Water Supply. V. B. Siems, City Hall, water engr.

**N. C., Saluda**—See "Streets and Roads."

**Tenn., Nashville**—Jan. 6, by Bd. Pub. Wks., at office of S. H. McKay, city clk., concrete, reservoir, c.i. mains, 2 m.g. motor driven pumps, etc. J. N. Chester Engineers, Union Bank Bldg., Pittsburgh, Pa., engrs.; adv. E. N.-R. Dec. 17. Noted Nov. 26.

**O., Yorkville**—Jan. 12, by Village, 100,000 gal. stand pipe and 20,000 lin.ft. 4- to 12-in. mains. S. Diescher & Sons, Farmers Bank Bldg., Pittsburgh, Pa., engrs.; adv. E. N.-R. Dec. 17.

**Ill., Warsaw** — Jan. 26, by City Clerk, waterworks improvements, incl. 250 g.p.m. rapid sand filtration plant with pumps, motors, etc., 2,500 ft. 4 and 8 in. c.i. mains, 100,000 gal. tank on tower. $33,000. E. Flad & Co., 1312 Chemical Bldg., St. Louis, Mo., engrs. Noted Nov. 12.

**Mo., Sena** — Dec. 21, by City Clerk, 75,000 gal. tank on tower, pump house, two deep wells with turbines, one 90 g.p.m. and one 125 g.p.m. pump and motor sewage disposal plant and 3.4 mi. 8- to 12-in. vitr. clay pipe, etc. $65,000. W. C. Burke & Co., 1312 Chemical Bldg., St. Louis, engrs. Noted Nov. 5.

**Tex., Tahoka**—See "Contracts Awarded."

**BIDS RECEIVED**

**N. Y., New York** — N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., Dec. 11, 48 in. steel pipe line from Milburn Pumping Station to 72 in. line at Baldwin, from Beaver Eng. & Constr. Co., 57 Chambers St., $47,282. Noted Dec. 10.

**O., Cleveland** — City, Nov. 27, concrete substructure for pump house, suction tunnel and screen well, from Amer. Constr. Co., Marion Bldg., $309,160. Noted Nov. 26.

**CONTRACTS AWARDED**

**R. I., Westerly**—Westerly Water Works will build 2 story brick and steel pumping station and machine shop, by day labor. $25,000. W. T. Arnold, 34½ West Main St., Meriden, engr. Noted Nov. 10.

**N. Y., New York** — N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., watermains in Andrews, Boyton, Bronx River, Edson, Elder Sts., etc., Bronx Boro, to Riverdale Water Works, 355 East 113th St., $26,722. Noted Dec. 10.

**Pa., Phila.**—Dept. Pub. Wks., Bureau of Water, Contr. 783, to P. and A. J. Ellis, Inc., 11th St. below Montgomery St., $73,730; Contr. 787, to Quaker City Iron Wks., Tioga and Richmond Sts., $11,799; Contr. 788, to Blaisdell Filtration Co., 20th St. and Indiana Ave., $25,000; and Contr. 789, to Acme Machine Co., 316 North 17th St., $22,500. Grand total $133,079. Noted Nov. 26.

**Md., Baltimore**—Bd. Awards, valves and hydrants, for Bureau Water Supply, to A. P. Smith Co., 111 Norman St., East Orange, N. J., $43,836. Noted Dec. 3.

**Tenn., Lookout Mountain** — For 500,000 gal. reservoir and 5 mi. mains, fire hydrants, etc., to City Water Co., 10th and Market Sts., Chattanooga. Engrs. est. $65,000.

**O., Cleveland** — Cuyahoga Co., 4,560 ft. 6 and 8 in. c.i. mains in Lotus, Emery and East 142nd Sts., Impvt. 568, to Curro & Whittaker Co., 12208 Mayfield Rd., $19,287; 1,700 ft. 12 in. c.i. mains in Broadview Rd., south of Avery Rd. and 4,700 ft. 6 and 8 in. c.i. mains in Brookview subdivision, to Gantose Constr. Co., 4816 Brookpark Rd., $10,689 and $12,484 respectively; 4,800 ft. 6 and 8 in. c.i. mains in Iroquois Ave. and Wilsmere Rd., to Janashak & Callow, 3685 East 142nd St., $12,464. Grand total $54,924. Noted Nov. 26.

**O., Cleveland**—Comrs. Cuyahoga Co., 13,000 ft. 8 and 12 in. c.i. mains in Brecksville, Pleasant Valley and Brookside Rds., Impvt. 451, Sect. B, to Sprague & Burkhart, 11812 Browing Ave., $64,396. Noted Nov. 26.

**Minn., Mankato**—F. W. Bates, city clk., one 2,000 g.p.m. capacity high service unit, to R. B. Whitacre & Co., 205 South Robert St., St. Paul, $3,229; one 1,600 g.p.m. capacity low service unit, to Allis-Chalmers Mfg. Co., West Allis St., Milwaukee, Wis., $1,760; one 700 g.p.m. capacity deep well, piping and foundations, to Commonwealth Electric Co., 417 Bway., St. Paul, $15,250; and switchboard, wiring, etc., to Mankato Electric Co., Mankato, $3,600. Grand total $23,839. Noted Nov. 12.

**Kan., Russell**—For 400,000 gal. steel tank on 134 ft. tower, to Chicago Bridge & Iron Wks., 608 South Dearborn St., Chicago, Ill.

**Tex., Tahoka**—City will extend mains in various streets, by day labor. $60,000. J. V. Singleton, mayor. Noted Oct. 29.

**Okla., Wewoka**—D. R. Fraser, city clk., impounding reservoir, earth dam, 10,900 ft. 14 in. c.i. mains, 70,000 cu.yd. earth and 3,600 cu.yd. rock excav., etc., to Gibson & Mitchell, Pauls Valley, $87,945. Engrs. est. $100,000. Noted Nov. 19.

**Wash., Seattle**—Reconstructing portion of Cedar River Pipe Line 2 between Bush Pl. and Beacon Hill Reservoir, to Gerrick, Creelman & Gerrick, Central Bldg., Seattle, $146,774.

**Calif., Glendale**—A. J. Van Wie, city clk., Dec. 3, 15 m.g. rein.-con. and earth fill reservoir, here, to DeWaard & Son, Granger Bldg., San Diego, $84,475.

**Calif., La Mesa** — Rein.-con. circular reservoir, 4 in. mains, centrifugal pumping plant, etc., to H. H. Peterson, Spreckels Bldg., San Diego, $20,915.

**Calif., Newport Beach** — For c.i. mains, fittings, gate valves, and fire hydrants, etc., to L. R. Weber, Santa Monica, $157,545; woodstave pipe and fittings, to Pacific Tank & Pipe Co., 4820 Santa Fe Ave., Los Angeles, $61,248. Noted Dec. 10.

**Ont., LaSalle**—Council, mains, etc., in various streets, to Ryan Constr. Co., 109 Ottawa St., Walkerville, $30,187.

## Sewers

**PROPOSED WORK**

**Conn., Bristol**—Plans sewerage system in Forestville suburbs connecting with pumping station, here.

**Fla., Lynn Haven**—Voted $50,000 bonds, sewerage system.

**Ala., Northport**—Election Dec. 22, $40,000 bonds, sanitary sewers and waterworks.

**La., Bunkie**—Making preliminary plans complete sanitary sewerage system and disposal plant. $110,000. H. A. Mentz, Citizens Natl. Bank Bldg., Hammond, engr. Noted Dec. 10.

**O., Newark**—See "Waterworks."

**O., South Euclid**—Village making plans and takes bids in spring 7 sewers in various streets and disposal plant. $110,000. F. A. Pease Eng. Co., Marshall Bldg., Cleveland, engrs.

**Mich., Bloomfield** (mail Akron)—Oakland Co. (Pontiac) plans Bloomfield Village Drain, in Bloomfield and Southfield Twps., 700 ft. open drain, 12 ft. bottom, 1,400 ft. 96 in. drain in tunnel and 31,602 lin.ft. 10- to 96-in. open cut, etc. A. W. Spencer, Pythian Bldg., Pontiac, drain comr.

**Ill., Wilmette**—Making plans sewerage extension for Gross Point addition. $250,000. C. N. Roberts, 105 North Clark St., Chicago, engr.

**Wis., Caledonia**—J. Smerchek, Route 1, Caledonia, town chn., soon takes bids approximately 23,000 ft. 8- to 18-in. vitr. or concrete sewer in North Racine, Caledonia Twp.

**Wis., Milwaukee** — Dept. Pub. Wks., R. Stoelting, comr., soon takes bids storm sewers in 26th St. between Grand Ave. and Cherry St., Sect. 1, approximately 2,500 lin. ft. 12 in. monolithic concrete pipe; Sect. 2, approximately 2,000 lin.ft. 12 in. monolithic concrete pipe; and Sect. 3, approximately 2,000 lin.ft. 12 in. and 1,400 lin.ft. 84 in. monolithic concrete pipe. $600,000. J. Schwada, City Hall, engr.

**Wis., Williams Bay**—See "Waterworks."

**Ia., Schaller**—Making plans outlet sewers and disposal plant. $25,000. W. E. Buell & Co., 205 Davidson Bldg., Sioux City, engrs.

**Minn., Waite Park**—Voted $40,000 bonds, sanitary sewerage system. L. A. Cleall, city clk.

**S. D., Sioux Falls**—Voted $600,000 bonds, sewage disposal plant, etc. A. A. Chenoweth, 314 Paulton Blk., engr. Noted Nov. 12.

**Mo., Macon**—Soon takes new bids new trunk and outfall sewer, Imhoff tank, new sprinkling filter, etc. $25,000. W. B. Rollins & Co., 521 Ry. Exch. Bldg., Kansas City, engrs. Noted Dec. 10.

**Mo., St. Louis**—Bd. Pub. Serv., 208 City Hall, soon takes bids 3,390 ft. 8- to 18-in. and 4,100 ft. 10- to 15-in. vitr. clay sewers in Baden Dist. Sewers 5 and 6 respectively, $26,000; also 2,790 ft. 24- to 51-in. and 3,780 ft. 12- to 48-in. vitr. clay, brick or segmental block sewers in North Baden Joint Sewers 1 and 2 respectively, $59,500. W. W. Horner, 300 City Hall, engr.

**Tex., Ennis**—See "Streets and Roads."

**Tex., Kemp**—Voted $30,000 bonds, sewerage improvements and disposal plant. Koch & Fowler, 606 Central Bank Bldg., Dallas, consult. engrs.

**Tex., Littlefield** — Voted $75,000 bonds, sewerage system. B. L. Coggill, mayor.

**Tex., Wichita Falls**—Making plans and soon takes bids disposal plant, incl. settling tanks, trickling filters, etc. $300,000. Montgomery & Ward, 545 Harvey-Snider Bldg., and J. H. Gregory, Johns Hopkins University, Baltimore, Md., engrs. Noted Dec. 3.

**Tex., San Antonio**—Making preliminary surveys complete sewerage system. $40,000 bond election soon for same. Address Mayor.

**Okla., Ft. Cobb**—Election Jan. 5, $25,000 bonds, new sewerage system, incl. 4 mi. sewers, 16,100 ft. 8- to 12-in. pipe, Imhoff tank, etc. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs. Noted Sept. 17.

**Okla., Lone Wolf**—Making preliminary plans 4 mi. sanitary sewerage system. $25,000. Engineer not selected.

**Okla., Oklahoma City** — Making plans sewage disposal plant. $100,000 or more. B. M. Hart, city engr. Pearse, Greely & Hanson, 6 North Michigan Blvd., Chicago, Ill., engrs.

**Calif., El Segundo** — Made plans 6- to 10-in. vitr. sanitary sewer in Lateral Sewer Dist. 1 (portions of Grand Ave., etc.). To exceed $30,000. R. T. Hutchins, city engr.

**Calif., Hayward**—Voted $50,000 bonds, sewerage system. J. B. Holly, city engr. Noted Oct. 29.

**Calif., San Bernardino** — Plans election approximately $400,000 bonds, constructing outfall sewerage system.

**BIDS DESIRED**

**N. Y., Brooklyn**—Dec. 23, by J. A. Guider, pres. Brooklyn Boro, Boro Hall, storm and sanitary sewer in East 12th St.; sewers in Avenue K, Nostrand Ave., and East 14th St.; also repairing sewer in Raymond St.

**N. Y., New York**—Dec. 18, by J. Miller, pres. Manhattan Boro, Municipal Bldg., sewers in Thayer St. and under sidewalk on west side 1st Ave.

**Pa., Phila.**—Dec. 22, by Dept. Pub. Wks., Bureau of Engineering, intercepting sewer along Tacony Creek between Bingham St. and Adams Ave.; main sewer in Rowland Ave. between Tudor and Bleigh Sts.; and discharge pipes between Southwest Pumping Station and Eagle Creek. G. H. Biles, dir. Pub. Wks.

Sewers (Continued)

**Pa., Phila.**—Dec. 22, by Dept. Pub. Wks., Bureau of Engineering, branch sewers in Coleman St. between 58th and 59th Sts.; 52nd St. between Lebanon Ave. and Diamond St.; Lebanon Ave. between 57th St. and Upland Way; Sanger St. between Saul and Large Sts.; and Woolston St. between Middleton St. and Walnut Lane. G. H. Biles, dir.

**D. C., Wash.**—Dec. 22, by Dist. Comrs., District Bldg., 7,630 lin.ft. 10- to 24-in. sewer in various streets.

**O., Cleveland**—Bd. Comrs. Cuyahoga Co. taking bids 3,500 ft. 8- to 36-in. vitr. clay or segmental block sewers in Mayfield Rd. and Bebrose Ave., Impvt. 305, Sect. A. To exceed $25,000. F. Williams, Court House, Cleveland, engr.

**Ill., Evanston**—See "Streets and Roads."

**Mo., Senath**—See "Waterworks."

**Calif., Glendale**—City Council taking bids and open same about Dec. 31, 68,637 lin.ft. 8 and 10 in. vitr. pipe, 126 lin.ft. 8 and 10 in. vitr. pipe encased in concrete, c.i. water pipe, wyes, etc., in Lateral Sewer Dist. 2 (North Central Sect.). J. F. Johannsen, city engr. Noted Dec. 3.

### BIDS RECEIVED

**Mich., Detroit**—Dept. Pub. Wks., Dec. 9, 4,583 lin.ft. 6- to 12-ft. brick and concrete cylinder in tunnel, in Schoenherr Rd. Arm Ashland Ave. Sewer, from J. Wagner, 4851 Helen Ave., $281,992; 1,949 ft. 4½ and 3¾ ft. cylinder and 12, 15 and 18 in. crock sewer in Southampton Ave. Arm E., Bedford Ave. Sewer, from S. Fattore, 5425 Fischer Ave., $26,002. Noted Dec. 3.

**Wis., Milwaukee**—Dept. Pub. Wks., Dec. 11, rein.-con., monolithic concrete and vitr. sanitary sewers in Oklahoma Ave. between 12th and 15th Aves., from G. and L. Zimmermann, 3402 Grand Ave., $35,285; rein.-con. and vitr. sewers in 12th Ave. between Oklahoma and Morgan Aves., also vitr. sewers in 13th Ave. between Oklahoma and Morgan Aves., from Szukalski & Matke Co., 1089 American Ave., $9,256 and $7,223 respectively; rein.-con. and vitr. sewers in 14th Ave. between Oklahoma and Euclid Aves., from F. E. Kaminski, 745 46th Ave., $6,760; vitr. sewer in 14th Ave. between Oklahoma and Euclid Aves., from Milwaukee Sewer & Drainage Co., 928 Humboldt Ave., $5,071; also rein.-con. and vitr. sewers in 15th Ave. between Oklahoma and Morgan Aves., from W. T. Werner, 675 Hi-Mount Blvd., $12,061.

**Wis., Wauwatosa**—Bd. Pub. Wks., A. V. Brigham, secy., Dec. 11, from Szukalski & Matke Co., 1089 American Ave., Milwaukee, sewers in East North Ave., 730 ft. 42 in. concrete pipe at $11.50 per ft., 750 ft. 36 in. concrete pipe $10.50, 330 ft. 24 in. concrete pipe $8.50, 600 ft. 21 in. concrete pipe $3.90 and 270 ft. 12 in. vitr. pipe $2.75; and from Blunt Bros., Janesville, Wis., and Waterloo, Ia., sewers in 3rd and 4th Aves., 2,450 ft. 8 in. vitr. pipe at $1.48 per ft. Noted Nov. 26.

### CONTRACTS AWARDED

**N. C., Saluda**—See "Streets and Roads."

**Miss., Gulfport** — City Comrs., storm sewers in various streets, to Hamilton Bros. Co., Gulfport, $97,520.

**O., Cleveland** — Big Creek Intercepting Sewer in West 73rd St., 3,758 ft. concrete pipe, to Winterbottom-Connelly Co., 1406 West 25th St., $122,400. Noted Nov. 19.

**Calif., Los Angeles**—A. S. Soule, secy. Los Angeles Co. Sanitation Dist., cement trunk line sewer in Sanitation Dist. 5 (Walnut St., Arbor Vitae, etc.), to Gillespie & Mlagenovich, 1029 West 36th St., $84,729. Noted Oct. 15.

**Calif., Los Angeles** — For 32,943 house sewers in alley north of 62nd St. and St. Andrews Pl., to J. Artukovich, 626 North Bunker Hill Ave., $63,205. Noted Dec. 3.

**Ont., Hamilton**—T. W. Jutten, mayor, five 16 in. pumps for Gage Ave. Pumping Sta. Toronto, $41,723; also 2 pumps with two 8 cylinder Sterling gasoline engines, to A. Clark, 7 Main St., West Hamilton, and Smart Turner Co., 191 Barton St., East Hamilton, $42,000. Noted Oct. 15.

## Waste Disposal

### PROPOSED WORK

**Tex., Ft. Worth**—Voted $70,000 bonds incinerator plant. O. E. Carr, city mgr. Noted Nov. 12.

**Calif., Palo Alto** — City and several smaller towns plan securing $75,000 funds for incinerator. J. F. Byxbee, Jr., Palo Alto, city engr.

### BIDS DESIRED

**N. J., Franklin** — Dec. 18, by Common Council, Boro Hall, 5 ton incinerator furnace, etc. M. M. Dolan, boro clk.

## Bridges

### PROPOSED WORK

**Mass., Boston**—Making plans six 60 ft. steel girder span draw bridge, 125 ft., Congress St., $800,000; also rebuilding steel and concrete bridge over New York, New Haven & Hartford R.R. tracks, West Newton St., to exceed $25,000. J. E. Carty, Bridge & Ferry Div., City Hall, engr.

**Conn., Bridgeport**—Making preliminary plans probably steel and concrete swinging draw span bridge, on Stratford Ave. $800,000 bonds authorized. F. W. Behrens, 152 Fairfield Ave., head recently appointed bridge comn. Engineer not selected. Noted July 9.

**New Jersey**—Joint Bridge Com. Essex Co. (Newark) and Morris Co. (Morristown), plan 4 span 270 ft. plate girder, concrete deck bridge. $105,000. W. A. Stickel, Newark, engr.

**Pa., Phila.**—Dept. Pub. Wks. plans bridge over Schuylkill River at or near University Ave. on west end and 32nd St. on east end; also bridge to carry 61st St. over Chester Branch of Reading Co. R.R. tracks. W. F. Kendrick, mayor.

**Wis., Milwaukee**—Election in spring $1,800,000 bonds, approximately 4,000 ft. steel viaduct on 16th St.; also $260,000 bonds, concrete or steel bridge on Lincoln Ave. M. C. Cutler, City Hall, engr.

**Wis., Milwaukee**—Dept. Pub. Wks. soon takes bids new concrete and pile bridge abutment on Cherry St. $25,000; also new fender piling at various bridges, here. $25,000 each. M. C. Cutler, City Hall, engr.

**Wis., Sheboygan** — G. W. Ubbelohde, highway comr. Sheboygan Co., making plans concrete bridges, one, here, $17,000; in Sheboygan Falls, $24,000; Lima, $15,000; Holland, $17,000; Franklin, $15,000; and 3 concrete bridges in Lyndon, $7,000. J. T. Donaghey, Madison, highway engr.

**Kan., Eldorado**—Butler Co. made plans one 30 ft. and two 25 ft. deck girder, also one 150 ft. truss span bridges, 20 ft. wide, also three 8 x 24 ft., three 12 x 28 ft., five 6 x 28 ft. and eight 8 x 28 ft. culverts, on Federal Aid Project 239-D. E. S. Elcock, Court House, co. engr.

**Kan., Olathe**—See "Streets and Roads."

**Kan., Topeka**—Voted $70,000 bonds for Branner Viaduct, $162,000 for 6th St. viaduct, $90,000 repairing Melan Bridge; also defeated $337,000 bonds 10th St. viaduct, and $545,000 bonds for Topeka Ave. Bridge. E. M. Covell, city clk. Noted Nov. 5.

**Mo., Cape Girardeau**—Chamber of Commerce, c/o E. C. Hackett, chn., making preliminary plans steel and concrete vehicular bridge over Mississippi River. To exceed $25,000. F. W. Adgate, c/o Foundation Co., 209 La Salle St., Chicago, Ill., engr.

**Tex., Boston**—See "Streets and Roads."

**Tex., San Antonio**—Bexar Co. making plans and soon takes bids 200 ft. rein.-con. bridge across Olmos Creek, $75,000; also 150 ft. timber and steel bridge with two 129 ft. approaches across Medina River, $50,000. A. C. Pancoast, 102 Turner St., engr.

**Tex., Seymour**—See "Streets and Roads."

**Tex., Sweetwater** — See "Streets and Roads."

**Okla., Dover**—State Hy. Dept., Oklahoma City, making preliminary plans new 5 span 960 ft. concrete and steel truss bridge over Cimarron River, here. $200,000. J. M. Page, highway engr.

**Wash., Tacoma**—Making plans new 170 ft. span rein.-con. bridge and approaches, on Proctor and 31st Sts. $110,000. Tacoma Railway & Power Co., 1306 A St., appropriates toward cost. J. C. Manley, City Hall, engr.

**Ore., Homestead**—State Hy. Dept., Portland, takes bids about Jan. 1, bridge over Snake River, here, for States of Oregon and Idaho. $60,000.

**Ont., London** — London Suburban Areas Comn. making plans 2 steel and concrete bridges, one to have 90 ft. and other 60 ft. span, over Hamilton Rd., Middlesex Co. C. Talbot, County Bldgs., London, engr.

### BIDS DESIRED

**Md., Baltimore**—Dec. 30, by Bd. Awards, c/o City Register, for Mount Washington Viaduct, steel and concrete. S. Purcell, highways engr.; adv. E. N.-R. Dec. 17.

**Fla., Key West**—See "Streets and Roads."

**Fla., West Palm Beach**—Jan. 6, by Bd. Comrs. Palm Beach Co., 45 ft. double-leaf bascule draw span bridge and concrete approaches over Loxahatchee River. A. O. Taylor, co. engr.; adv. E. N.-R. Dec. 17.

**Kan., Marion** — Dec. 23, by A. L. Socolofsky, clk. Marion Co., two 30 ft. deck girder and one 100 ft. steel span bridge, 20 ft., on Federal Aid Project 226. C. M. Hartsock, Court House, engr.

**Tex., Breckenridge** — See "Streets and Roads."

**Tex., El Paso**—See "Streets and Roads."

**Okla., Enid**—See "Streets and Roads."

**Washington**—Jan. 5 (extended date), by State Hy. Dept., Olympia, approximately 2,474 ft. steel and concrete bridge over Columbia River, on State Rd. 7, Vantage Ferry. J. W. Hoover, highway engr. Noted Oct. 29.

### BIDS RECEIVED

**La., Monroe** — State Hy. Comn., Baton Rouge, Dec. 1, repairing Monroe Traffic Bridge, State Aid Project 159, Sect. R, Ouachita Parish, here, from Austin Bridge Co., 1813 Clarence St., Dallas, Tex., $52,123. Noted Nov. 26.

**Tex., Houston**—City, c/o O. F. Holcomb, mayor, and Harris Co., c/o Auditor, rein.-con. bridge over Brays Bayou, at Lawndale Ave., from Elkins & Kimey, 105 Stiles St., $50,865. Engrs. est. $60,000. Noted Nov. 12.

### CONTRACTS AWARDED

**N. Y., Yonkers**—Bronx Parkway Comn., 72 West Pondfield Rd., Bronxville, Bronx River Parkway Dr. Bridge 6, stone and rein.-con. over Bronx River Parkway Dr. at Yonkers Ave., here, to Fox Reynolds & Co., Inc., 81 East 125th St., New York City, $115,830. Noted Dec. 10.

**New Jersey**—State Hy. Comn., Trenton, rein.-con. trunnion bascule bridge over Tuckahoe River, M. P. 29.5, on Route 14, Atlantic and Cape May Counties, to S. S. Thompson, Herbert St., Red Bank, $109,946. Noted Dec. 3.

**Pa., Pittsburgh**—Allegheny Co., masonry approaches for Liberty Bridge 10, 2,775 ft. long, 54 ft. wide over Monongahela River, to Vang Constr. Co., Bessemer Bldg., $187,570. Noted Oct. 29.

**Fla., Tavares**—Lake Co., Howey Bridge, 7,890 ft. long across Little Lake Harris, to W. H. Williams Co., 3318 Coliseum, New Orleans, La., $207,800.

**Ia., Denison**—Crawford Co., one 120 ft. high truss and two 60 ft. pony truss bridges, both 20 ft. wide, on Denison-Dow City Rd., to Lundgren-Reis Co., 65 College Ave., Des Moines, $46,000.

**Ia., Keosauqua**—Van Buren Co., 50 x 24 ft. concrete arch bridge, to Federal Bridge Co., 1002 B. T. Bldg., Des Moines, $13,106, 50 x 20 ft. pony truss bridge and culverts, to Lundgren-Reis Co., 65 College St., Des Moines, $14,000 and $6,710 respectively; several box culverts to Jamison & Price, Keosuaqua, $17,365; box culverts and 32 x 24 ft. bridge to A. Melberg, Vinton, $15,290 and $4,550 respectively, all on Federal Aid Project 222-E. Grand total $71,021.

**Kan., Oskaloosa**—Jefferson Co., bridges on Federal Aid Projects 222-G and 227, Rock Creek Bridge, 70 ft. steel and concrete rainbow arch span, 20 ft., on Southwest Trail 1 mi. from Meridian and Stonehouse Bridge, 90 ft. rainbow arch span, 20 ft., on Golden Belt Rd. ½ mi. from Stonehouse, to Yancy Constr. Co., Abilene, $25,809. Noted Sept. 3.

**Kan., Ottawa**—City, bridge over Marias Des Cygnes River at Main St., Contr. 1, 595 lb. structural steel, to Bethlehem Steel Co., Bethlehem, Pa., $29,869; Contr. 2, substructure and erection of bridge, 1,375 cu.yd. concrete, 114,000 lb. reinforcing, 595,000 lb. structural steel, 1,420 sq.yd. brick paving, 3,450 sq.ft. sidewalks, 6,700 cu.yd. excav., temporary bridge, etc., to Kansas City Bridge Co., 510 Orear-Leslie Bldg., Kansas City, Mo., $64,568; Contr. 3, 4,000 cu.ft. granite, to Cement-Gun Co., Inc., Allentown, Pa., $8,615. Grand total $103,052. Noted Oct. 1.

**Kan., Paola**—See "Streets and Roads."

**Kan., Winfield**—Cowley Co., four 140 ft. steel truss spans on concrete piers and abutments over Arkansas River, at Summit Ave., Federal Aid Project 231-B, to Western Bridge Co., Harrisonville, Mo., $77,178.

**Washington**—State Hy. Dept., Olympia, six short standard concrete span bridge and 3 concrete box culverts, on State Rd. 9, Thurston and Grays Harbor Counties, to Phillips & Newell, 1628 Water St., Olympia, $31,086; and bids returned unopened for one 50 ft. rein.-con. T-beam bridge over Wapato Canal, on State Rd. 3. Project abandoned. Noted Nov. 19.

**Wash., Bellingham** — Comrs. Whatcom Co., 6,000 ft. pile trestle approaches for new bridge, on Guide Meridian Highway, to F. L. Cramer, Bellingham, $55,597.

**Calif., Long Beach** — Rein.-con. bridge over flood control channel, on Bway., to S. M. Kerns, 1403 East Anaheim St., $207,772. Noted Dec. 3.

**Calif., Oakland**—W. H. Leimert Co., Syndicate Bldg., rein.-con. bridge, near Hollywood Ave. and Park Blvd., to Bates & Borland, Bank of Savings Bldg., $137,000.

## Dam

### PROPOSED WORK

**Neb., Spencer**—See "Buildings—Industrial."

## Railways

### PROPOSED WORK

**South Carolina and North Carolina** — W. S. Blakeney and associates, Monroe, N. C., plan 30 mi. railroad from Jefferson, S. C., via Pageland to Monroe, N. C. Engineer not selected.

**Tennessee** — See "Buildings — Industrial under Nashville."

**Illinois** — Chicago, Burlington & Quincy R.R. Co., 547 West Jackson Blvd., Chicago, plans 4.5 mi. railway from Streator-LaSalle branch to Lowell, southwest of Ottawa. $100,000. A. W. Newton, ch. engr. This corrects report in Nov. 19 issue.

**Missouri**—St. Louis, Troy & Eastern Ry. Co., 1121 Lucas Ave., St. Louis, making preliminary plans eastern railroad approach, consisting of 7,500 ft. permanent steel and concrete elevated structure from present right-of-way to McKinley Bridge, Venice, Ill. $1,000,000. B. L. Brown, Merchants Laclede Bldg., St. Louis, ch. engr.

**California** — Key System Transit Co., 22nd and Grove Sts., Oakland, made plans two loops in downtown section of Oakland. $80,000. Private plans.

**Ontario**—Temiskaming & Northern Ontario R.R., North Bay, soon takes bids 32 mi. railroad extension from terminus north of Cochrane to Kaolin City, on Mattagami River. S. B. Clement, North Bay, ch. engr.

**Ontario**—Windsor Utilities Comn., Windsor, making plans double tracking various streets in Windsor. $100,000. A. Fairlie, comn. engr.

### BIDS DESIRED

**Minnesota**—See "Contracts Awarded."

### BIDS RECEIVED

**New York**—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., Long Island City, relocating tracks of Manhattan & Queens Traction Corp., in Queens Blvd. from Van Dam St. to 56th Ave., in Long Island City, from Eastern Contg. Co., 373 Fulton St., Brooklyn, $294,437.

### CONTRACTS AWARDED

**Minnesota**—Minneapolis Street Railway Co., 11th St. and Hennepin Ave., Minneapolis, will extend tracks, incl. double tracking, re-railing and paving between rails, in Minneapolis, by day labor. $600,000.

## Excavation, Drainage, Irrigation, Levees River and Harbor

### PROPOSED WORK

**Ia., Cedar Rapids**—Plans election $185,000 bonds improving Red Cedar River front along north end of island, incl. walls on east bank between 1st and 3rd Aves. T. F. McCauley, city engr.

**Tex., Dallas**—Levee Dist. 1, c/o J. H. Prince, Wilmer, member, Dallas Co., election Dec. 28, $50,000 bonds, improving levee.

**Tex., San Angelo**—San Angelo Irrigation Dist., Tom Green Co. plans irrigating 50,000 acres land and damming Concho River 5 mi. from here. $3,000,000 or more. R. H. Compton, pres. San Angelo Bd. City Development.

**Calif., Blythe** — Palo Verde Irrigation Dist., Riverside Co., made plans approximately 24 mi. irrigation canals, 40 acres clearing, 450,000 cu.yd. earth excav. Caldwell & Richards, 2923 South Hoover St., Los Angeles, Calif., engrs.

**Calif., Colusa** — Reclamation Dist. 1004 plans irrigation and drainage canal extensions. $40,000.

**Calif., Richmond**—Rejected bids dredging 180,000 cu.yd. in Inner Harbor. To exceed $40,000. Will readvertise. E. A. Hoffman, city engr. Noted Nov. 26.

### BIDS DESIRED

**Pa., Phila.**—Dec. 22, by Dept. Pub. Wks., Bureau of Engineering, borings for Pennsylvania Terminal, West River Dr. between Spring Garden and South Sts., incl. 2,900 ft. borings on land with churn drill, 200 ft. wash borings, 300 ft. core borings in rock on land, and 200 ft. core borings in water. G. H. Biles, dir.

**La., Thibodaux** — Jan. 6, by Comrs. Lafourche-Terrebonne D. D., Court House, gravity drainage system, 1,000,000 cu.yd. excav., etc. J. A. Lovell, engr.

**Illinois** — Dec. 30, by D. Laufer, W. Mencke and G. Bettenhausen, comrs. Union D. D. 6, towns Orland, Cook Co. and Frankfort, Will Co., at office of J. Creer, Orland State Bank Bldg., Orland, cleaning 2.75 mi. drainage ditch, 27,190 cu.ft. excav., etc.

**Ill., Chicago** — Dec. 21, by Bd. Local Impvts., Room 207, City Hall, South Water Street Impvt., Sect. 9, incl. excavation, 300 ft. 7 x 7 ft. new dock construction, piles, sheeting, and 12 caissons. $500,000. T. A. Evans, c/o Bd. Local Impvts., engr.

**Ill., Danville**—Dec. 22, by Comrs. Johnson D. D. Vermilion Co., at office Clark & Hutton, 1st Natl. Bank Bldg., main open ditch, incl. 57,050 cu.yd. excav., furnishing, hauling, laying 80,799 ft. 8- to 30-in. tile and 200 ft. 54 in. rein.-con. pipe, etc. $90,000. J. F. Fisher, 209 Dale Bldg., engr.

**Mo., Jackson**—Dec. 22, by Cape Girardeau Co. Court, enlarging ½ mi. open ditch to 8 ft. bottom and constructing 4 mi. open ditch 4- to 8-ft. bottom width, in D. D. 1, approximately 63,000 cu.yd. excav. W. M. Mulholland, Cape Girardeau, engr.

**Calif., Colusa** — Trustees Sacramento River West Side Levee Dist., c/o T. Rutledge, atty., Colusa Co., taking bids reconstructing 2 mi. levees, 75,000 cu.yd. to be added to rear of levee or average of 6.8 yd. per ft., requiring floating clamshell dredge, machine to pump 160 ft. laterally from hull. F. H. Tibbetts, Alaska Commercial Bldg., San Francisco, engr.

**Calif., Merced**—Dec. 22, by H. P. Sargent, secy. Merced Irrigation Dist., Merced Co., cleaning 7 mi. irrigation canal, 20,000 cu.yd. excav.

### CONTRACTS AWARDED

**Minn., Worthington**—C. J. Kall, aud. Nobles Co., 22,900 ft. open Judicial Ditch 9, 179,295 cu.yd. excav., to E. L. Hatten, Britt, Ia. $16,136; furnishing 146,800 ft. 6- to 48-in. drain tile, to North Star Concrete Co., West Mankato, $54,601; and laying tile, to O. Huso, Lake Mills, Ia., $30,970. Grand total $101,707. Noted Nov. 12.

**Tex., Ft. Worth**—See "Buildings—Commercial under Proposed Work."

**Calif., Meridian** — Reclamation Dist. 70, Sutter Co., to Ajax Dredging Co., 249 1st St., San Francisco, deepening and enlarging 5,800 ft. main drainage canal, 9,600 cu.yd. excav. $0.158 cu.yd., also 12,800 lin.ft. Lateral 5, 7,500 cu.yd. excav. $0.169 lin.ft.

**Calif., Tracy**—Trustees West Side Irrigation Dist., San Joaquin Co., will construct drainage canals, 52,000 cu.yd. excav., by district forces. Former bids rejected. W. D. Harrington, Tracy, engr.

## Streets and Roads

### PROPOSED WORK

**Mass., Boston**—Plans constructing and extending Gardner St., here, to Brighton Dist. $25,000. J. F. Sullivan, secy. Street Layingout Dept.

**Mass., Gloucester**—Plans reconstructing Western Ave. $100,000 appropriated. Private plans.

**Mass., Westboro**—Plans improving various roads. $26,000 appropriated. State, Worcester Co. and Town to share expense. Private plans.

**N. J., Trenton**—Mercer Co. plans macadam and concrete paving 6 mi. road between here and Pennington. $480,000. H. F. Harris, Court House, engr.

**Pa., Phila.**—Dept. Pub. Wks., Bureau of Highways, making plans grading, etc., Island and Georgian Rds., 19th, Spangler and 66th Sts., etc.

**N. C., Morehead**—Plans to issue $75,000 bonds, street and sidewalk improvements.

**Fla., Lynn Haven**—Voted $25,000 bonds, paving various streets.

**La., De Ridder**—Beauregard Parish voted $226,000 bonds, improving various streets.

**Tennessee**—State Dept. Highways & Pub. Wks., Nashville, making surveys improving 10 mi. Lone Oak-Houston Co. line Rd., Montgomery Co. and 9 mi. Memphis to Bristol Highway from Ellendale to Arlington, Shelby Co. C. N. Bass, acting comr.

**Tenn., Nashville** — City Council appropriates $180,000, improving various streets, sidewalks and sewers during 1926. H. E. Howse, mayor.

**O., Canton** — Bd. Control takes bids in spring asphalt surfacing Gibbs Ave. N. E. from 12th to 19th Sts., $50,000; and 9th St. N. W. from McKinley Ave. to Fulton Rd., $30,000. W. E. Sarver, City Hall, engr.

**O., Cincinnati**—Plans grading, curbing, guttering and concrete surfacing 24,500 sq. yd. and asphalt macadam surfacing 200 sq.yd. Quebec Rd. $25,000. F. Krug, City Hall, engr.

**O., Cincinnati**—Hamilton Co. plans grading and concrete surfacing 12,000 sq.yd. and asphaltic concrete surfacing 250 sq.yd. North Bend Rd. $41,720; and grading and concrete surfacing 22,575 sq.yd. Camargo Rd., $96,215. E. A. Gast, Court House, engr.

**Ind., Anderson** — Plans concrete paving 17,600 sq.yd. 19th St. $31,000. M. H. Dorney, Anderson, city engr.

**Ind., Plymouth**—Marshall Co. plans grading and graveling 7.5 mi. Claybaugh Rd. 26 ft. $43,225. J. Hildebrand, Plymouth, engr.

**Ill., Wilmette**—Plans paving about 4 mi. various streets and repaving Forest Ave. $150,000. C. N. Roberts, 105 North Clark St., Chicago, engr.

**Wis., Elkhorn** — Walworth Co., H. J. Peters, highway comr., making plans concrete paving 3.75 mi. Highway 89. J. T. Donaghey, Madison, ch. engr.

**Wis., Fond du Lac**—Fond du Lac Co., G. W. Treleven, highway comr., making plans 16 ft. gravel surfacing 31.7 mi. Highways E, G, I, N, S, and Y; also 20 ft. concrete paving 4.3 mi. Highway 23. J. T. Donaghey, Madison, ch. engr.

**Wis., Milwaukee** — W. F. Cavanaugh, highway comr. Milwaukee Co., making plans 18 and 20 ft. concrete paving 6 mi. Highways 74, 100 and 119; and widening 3 mi. Blue Mound Rd. J. T. Donaghey, Madison, highway engr.

**Wis., Waukesha**—C. J. Hahn, highway comr. Waukesha Co., making plans concrete surfacing, etc., 9.75 mi. Highways 74, 19, 119 and 83. J. T. Donaghey, Madison, highway engr.

**Ia., Des Moines**—Soon takes bids hard-surfacing 3,157 sq.yd. 8th St., 154 sq.yd. alley west of 14th St., 732 sq.yd. 16th St., 873 sq.yd. Lynn St., 3,632 sq.yd. 40th St., 1,695 sq.yd. Southwest 13th St., 1,675 sq.yd. Southwest 12th St., 1,702 sq.yd. 45th St., and 2,580 sq.yd. 4th St. K. C. Kastberg, City Hall, engr.

**Ia., Le Mars**—Making preliminary plans grading, curbing and hardsurfacing various streets. $30,000. J. M. Hays, city clk.

**Ia., West Union**—Plans paving 30 blocks various streets. $100,000. Brown & Cook, Ottumwa, engrs.

**Minn., St. Paul**—Making plans paving Minnehaha St. between Payne Ave. and bridge, $36,000; also Pennsylvania Ave. and Arch St. between Mississippi and Rice Sts., $64,500. G. M. Shepard, city engr.

**Kan., Colby**—Takes bids in spring grading, curbing and hardsurfacing various streets. $50,000. E. T. Archer & Co., New England Bldg., Kansas City, Mo., engrs.

**Kan., Independence** — Montgomery Co. soon takes bids grading and brick or concrete paving 1.135 mi. Laurel Rd., Project 22-A, and 1.228 mi. Walnut Rd., Project 23-A, both 18 ft. H. K. Hibbard, Court House, engr.

**Kan., Medicine Lodge**—Barber Co. takes bids about Mar. 1, grading and gravel surfacing 4.25 mi. Federal Aid Project, also two 30 ft. deck girder and one 100 ft. steel bridges. L. A. Tilton, Court House, co. engr.

**Kan., Olathe**—Johnson Co. making preliminary plans concrete or brick paving 0.7 mi. Ft. Scott Short Line Rd., Federal Aid Project 246-D and 6.17 mi. same road Sect. E, both 18 ft.; also one 100 ft. steel bridge on Sect. D and three 70 ft. and one 50 ft. span bridges over Blue River on Sect. E. E. J. Terrill, Court House, co. engr. H. T. Caywood, Kansas City, Kan., consult. engr.

**Mo., St. Louis**—W. and C. Brinkop, Jr., Grand Blvd., making preliminary plans, grading, sidewalks, etc., on 11 acre subdivision on Loughborough Ave. $35,000 upwards. Pitzman Eng. & Survey Co., 615 Chestnut St., engrs.

**Mo., St. Louis**—Bd. Pub. Serv., 208 City Hall, soon takes bids vitr. brick paving 25,260 ft. Easton Ave., $164,375; recut granite block paving, etc. 18,800 yd. Franklin St., $128,500; and Warrenite paving, etc. 5,820 yd. Pennsylvania Ave., $34,800. W. W. Horner, 300 City Hall, engr.

**Ark., Ft. Smith**—Election Feb. 10, to vote on bonds, buying or condemning and paving, sidewalks, etc. on South 7th, 8th, 10th, and 12th Sts. E. Henderson, city clk.

**Tex., Belleville**—Austin Co. making plans gravel surfacing 9.16 mi. State Highway 36, Federal Aid Project 433-A, Unit 2, 18 ft. $80,000. H. Schroeter, Belleville, engr.

**Tex., Boston**—Bowie Co. making plans grading, bridging and gravel surfacing 6.92

### VENTILATION BUILDINGS—NEW YORK, N. Y.

Bids were opened by New York State Bridge & Tunnel Commission and New Jersey Interstate Bridge & Tunnel Commission, Woolworth Bldg., Oct. 6, for two ventilation buildings at Washington St., Canal Pier and Spring St., Contr. No. 13. (A) De Riso Bros., 50 East 42nd St. (awarded contract); (B) D. C. Serber, Inc., Grand Central Terminal; (C) G. Colon & Co., Inc., 81 East 125th St.; (D) E. Diebitsch, Inc., 70 East 45th St.; (E) T. J. Waters Co., 415 Lexington Ave.; Frederick Snare Corp., 114 Liberty St., $165,015; Lustig & Weil, 103 Park Ave., $1,477,415; Niewenhous Co., Inc., Exterior Ave. and 152nd St., $1,544,890; John T. Brady & Co., 103 Park Ave., $1,738,056; ventilation work in connection with same, Contr. No. 24. (A) Booth & Flinn, Ltd., Green and Tompkins Aves., Brooklyn (awarded contract); (B) Shevlin Engineering Co., Inc., 5 Beekman St.; (C) Peerless Engineering Co., 71 8th Ave.; (D) Wagner Engineering Co., Inc., 598 11th Ave.; (E) Erickson Engineering Co., Inc.; Hart & Early Co., Inc., $51,650; J. W. Hooley, 70 East 45th St., $58,000; Fox Reynolds Co., Inc., 81 East 125th St., $64,200. The unit bids of the lowest five bidders are as follows:

| | A | B | C | D | E |
|---|---|---|---|---|---|
| 4,000 cu.yd. concrete and mortar top course | $27.00 | $30.00 | $36.75 | $31.00 | $28.00 |
| 550 cu.yd. cinder concrete | 11.00 | 16.00 | 15.75 | 16.00 | 19.00 |
| 140,000 sq.ft. 3 in. gunite slabs | 1.31 | 1.30 | 1.30 | 1.32 | 1.20 |
| 5,000 sq.ft. 3½ in. gunite slabs | 1.38 | 1.40 | 1.37 | 1.40 | 1.21 |
| 6,500 sq.ft. 4 in. gunite slabs | 1.47 | 1.50 | 1.46 | 1.49 | 1.29 |
| 300 sq.ft. 4½ in. gunite slabs | 1.56 | 1.60 | 1.53 | 1.58 | 1.46 |
| 25,000 sq.ft. ¼ in and ½ in gunite coating | .51 | .55 | .55 | .56 | .47 |
| 10,000 sq.ft. 2 in. gunite protection | .95 | 1.00 | .94 | .97 | .85 |
| 330 cu.yd. gunite column protection | 125.00 | 120.00 | 126.00 | 127.92 | 115.00 |
| 1,330 ton built-up steel and tie-rods | 118.00 | 115.00 | 119.50 | 112.80 | 112.00 |
| 15 ton miscellaneous steel and iron | 335.00 | 400.00 | 441.00 | 495.05 | 400.00 |
| 800 ton steel beams and channels and connections | 92.00 | 115.00 | 94.50 | 87.25 | 95.00 |
| 60 ton steel rods and bars for reinforcing | 120.00 | 140.00 | 126.00 | 140.70 | 160.00 |
| 160 ton expanded metal and wire mesh | 254.00 | 255.00 | 252.00 | 256.20 | 250.00 |
| 105 ton special steel structures | 335.00 | 400.00 | 388.50 | 442.45 | 400.00 |
| 10 mo. engineer's field office services (per month) | 100.00 | 100.00 | 105.00 | 215.00 | 100.00 |
| Completing interior Spring Street shaft (lump sum) | 7,000.00 | 5,000.00 | 4,208.00 | 16,163.00 | 16,900.00 |
| Completing interior Canal Street shaft (lump sum) | 6,900.00 | 5,000.00 | 4,295.00 | 16,163.00 | 18,800.00 |
| Completing interior north river shaft (lump sum) | 14,000.00 | 12,500.00 | 11,200.00 | 24,641.00 | 27,000.00 |
| Completing interior south river shaft (lump sum) | 13,000.00 | 11,600.00 | 9,765.00 | 22,669.00 | 26,000.00 |
| 600 sq.yd. new cement sidewalk | 3.50 | 4.00 | 4.72 | 3.10 | 4.50 |
| 400 lin.ft. new granite curbing | 6.00 | 6.00 | 7.35 | 6.93 | 6.00 |
| General construction land ventilating building | 273,000.00 | 231,500.00 | 277,258.00 | 259,044.00 | 315,000.00 |
| General construction river ventilating building | 172,600.00 | 186,800.00 | 194,700.00 | 208,900.00 | 200,000.00 |
| Plumbing, heating, water supply | 33,000.00 | 37,900.00 | 40,062.00 | 46,842.00 | 44,000.00 |
| Electrical conduit for land buildings and land shafts | 26,000.00 | 30,000.00 | 29,317.00 | 26,125.00 | 27,000.00 |
| Electrical conduit for river building and river shafts | 28,000.00 | 30,000.00 | 30,066.00 | 26,885.00 | 26,000.00 |
| Extended totals | $1,277,953 | $1,291,130 | $1,359,227 | $1,380,580 | $1,395,183 |

| | A | B | C | D | E |
|---|---|---|---|---|---|
| 50 cu.yd. concrete floor and pedestals, including mortar finish | $25.00 | $55.00 | $22.00 | $18.00 | 108.00 |
| 3,000 lb. galvanized miscellaneous steel work, including wire screen enclosure | .30 | .368 | .25 | .40 | .35 |
| 30 ton c.i. pipe and specials, including placing but not furnishing valves and strainers | 250.00 | 325.00 | 320.00 | 396.00 | 500.00 |
| 2,000 lb. brass pipe and fittings including placing but not furnishing valves | .60 | .575 | .65 | .56 | 1.00 |
| 23 pumps furnished and installed complete (lump sum) | 26,850.00 | 26,875.00 | 28,882.00 | 27,635.00 | 22,400.00 |
| Extended totals | $37,700 | $41,629 | $41,632 | $42,735 | $45,850 |

### Streets and Roads (Continued)

mi. State Highway 98, Simms Rd., 16 ft. $43,000. F. E. Hess, Boston, engr.

**Tex., Dallas**—Plans paving 12 mi. around White Rock Lake. $300,000. E. A. Kingsley, city engr.

**Tex., Denton**—Making preliminary plans hard paving about 6 blocks East Hickory St. $35,000. H. T. Brewster, Denton, engr.

**Tex., Ennis** — Election Dec. 31, $60,000 bonds, paving and sewers in various streets. H. McCanless, city engr.

**Tex., Hallettsville** — Lavaca Co. making plans two course limestone rock asphalt on gravel and waterbound macadam paving 20 mi. State Highway 3, Yoakum-Schulenburg Rd., 18 ft. $425,000. W. H. Koether, Hallettsville, engr.

**Tex., Hillsboro** — Making preliminary plans hard paving West Elm St. $60,000. Address A. M. James, city secy.

**Tex., Karnes City**—Karnes Co. making plans grading, bridging and asphaltic macadam surfacing 7 mi. Highway 16 from North line of Rd. Dist. 3 to Wilson Co. line, $180,000. O. N. Powell, Kenedy, engr.; election Dec. 19, $300,000 bonds improving highway in Kenedy Rd. Dist., election soon $300,000 bonds, improving highway in Gillette Rd. Dist., and election Dec. 28, $225,000 bonds, improving highway in Runge Rd. Dist., D. O. Klingeman, Karnes City, co. judge.

**Tex., San Antonio** — Making preliminary plans asphalt or bitulithic on hard surface paving 8 blocks South New Braunfels Ave., 45 ft., $50,000 and hard base with choice of surfacing decided by engineers 7 blocks South Medina St., 45 ft. $42,000.

**Tex., Seymour**—Baylor Co. making plans grading and bridging 20.6 mi. State Highway 24, from Seymour to Archer Co. line, 26 ft. $65,000. J. G. Rollins, Seymour, co. engr.

**Tex., Sweetwater** — Nolan Co. making plans grading and bridging 9.098 mi. State Highway 7, Federal Aid Project 498, Unit 1, 26 ft. $40,000. J. A. Focht, Sweetwater, co. engr.

**Tex., Tulia**—Making preliminary plans vitr. brick paving 50,000 sq.yd. various streets. $175,000. F. E. Devlin, 614 Bitting Bldg., Wichita, Kan., engr.

**Tex., Wichita Falls**—Voted $70,000 bonds paving various streets. F. M. Rugely, city engr.

**Oklahoma**—State Hy. Dept., Oklahoma City, made surveys grading and paving 10 mi. State Road 2 from Medford to Pond Creek, 30 ft. $30,000. J. M. Page, highway engr.

**Okla., Enid**—Plans grading, curbing and concrete paving 14,775 sq.yd. 11th, Linden, Washington and Ferry Sts. $46,000. F. C. McGruder, Enid, engr.

**Okla., Marland**—Plans grading and concrete paving 8,600 sq.yd. Main St. $27,200. Engineer not selected.

**Okla., Marshall** — Making preliminary plans grading, curbing, guttering and gravel surfacing 5 blocks Main St., 76 ft. $25,000. Engineer not selected.

**Okla., Ryan**—Plans grading and vertical fibre brick paving 8,100 sq.yd. Main St. $32,000. F. E. Devlin, Bitting Bldg., Wichita, Kan., engr. Noted Dec. 17.

**California**—Sears Point Toll Road Co., O. A. Stewart, pres., 58 Sutter St., San Francisco, plans 10-mi. macadam road from Sims Ave., Solano Co. (Fairfield) to state highway through Sears Point, Sonoma Co. (Santa Rosa).

**Calif., Anaheim**—Plans paving approximately 1,000,000 sq.ft. various streets. To exceed $200,000. E. P. Hapgood, city engr.

**Calif., Los Angeles** — Takes bids about Jan. 1, grading curbing, guttering, sidewalks, sewers and concrete paving Lucerne Blvd., Ave. 46, 3rd, Wilcox, Roseda, Santa Barbara, 2nd, Higman, Lexington and El Centro Aves., also Mott, 3rd, Temple and 84th Sts., etc. To exceed $125,000. J. C. Shaw, City Hall, engr.

**Calif., Los Angeles**—Bd. Pub. Wks., rejected bids curbing, sidewalks, sewers and 5 in. concrete paving, etc., 238,462 sq.ft. Hub St. between Avenues 51 and 53. Will readvertise. G. Jones, Hall of Records, engr.

**Calif., Oakland**—Made plans improving 102nd Ave., 66,663 sq.ft. oil macadam paving, 3,936 lin.ft. concrete curbing, 7,872 sq.ft. concrete guttering, 23,615 sq.ft. cement walks, 4,598 cu.yd. excav. W. W. Harmon, city engr.

**Calif., Pomona**—Made plans curbing, 6 in. concrete paving, etc., portion of Garey Ave. To exceed $30,000. F. C. Froehde, city engr.

**Calif., San Diego**—Common Council plans improving Pearl St., Girard Ave., etc., 220,858 sq.ft. 6 in. and 18,359 sq.ft. 5 in. concrete paving, 12,792 sq.ft. concrete sidewalks, 2,805 lin.ft. concrete curbing, 1,318 lin.ft. 6 in. concrete sewer main, etc.; also Brighton Ave., 138,929 sq.ft. 5 in. concrete paving, 2,152 lin.ft. concrete curbing, 15,465 sq.ft. concrete sidewalks, etc. F. A. Rhodes, city engr.

**Calif., San Diego**—Common Council plans improving Diamond St., 237,675 sq.ft. 5 in. concrete paving, 12,647 cu.yd. excav., 2,610 lin.ft. cement curbing, etc.; also Front, Upas and Thorn Sts., 122,192 sq.ft. 1½ in. asphaltic concrete on 2½ bituminous paving, 591 cu.yd. excav., etc. R. A. Rhodes, city engr. Noted Sept. 24.

**Calif., Walnut Creek** — Made plans improving various streets, 136,527 sq.ft. two course 2 in. on 5 in. asphaltic macadam, 14,084 sq.ft. concrete guttering, 186,527 sq. ft. grading, 50,000 sq.ft. vibrolithic concrete paving, etc. R. L. Calfee, 221 South 22nd St., Richmond, engr.

**Calif., Wasco**—Kern Co. (Bakersfield), made plans curbing, guttering, 6 in. concrete, 2 in. on 4 in. asphaltic concrete or 2 in. Warrenite bitulithic on 4 in. asphaltic concrete paving 96,129 sq.ft. various streets here. J. R. Thornton, Bakersfield, co. surv.

**Ont., London**—Middlesex Co. plans concrete paving various streets. $100,000. C. Talbot, County Bldg., engr.

**Ont., Sandwich**—Essex Co. making plans concrete paving various streets. $80,000.

### BIDS DESIRED

**N. Y., Brooklyn** — Dec. 23, by J. A. Guider, pres. Brooklyn Boro, Boro Hall, grading and permanent asphalt on 6 in. concrete paving Vermont St. from Livonia to New Lots Aves., and 19th Ave. from 68th St. to Bay Ridge Ave.

**N. Y., Long Island City** — Dec. 23, by Park Bd., F. D. Gallatin, pres., Arsenal Bldg., 64th St. and 5th Ave., New York City, improving and paving transverse road in Jacob Riis Park, here.

**N. Y., New York**—Dec. 18, by J. Miller, pres. Manhattan Boro, Municipal Bldg., grading, curbing, flagging, and sheet asphalt on concrete paving, etc., Bennett Ave.; also grading and granite block paving 10th Ave.

**N. Y., St. George** — Dec. 18, by J. A. Lynch, pres. Richmond Boro, Boro Hall, bituminous concrete paving Richmond Ave. from Signs Rd. to Rockland Ave.

**Ga., Atlanta**—Dec. 21, by C. A. Price, purch. agt., asphalt and concrete paving various streets. $75,000.

**Fla., Key West**—Jan. 7, by Bd. Comrs. Monroe Co., continuing route of Over Sea Highway along the Florida Keys, and constructing 4 pile timber trestles across the openings. J. O. Kirchheiner, chn.; adv. E. N.-R. Dec. 17.

**O., Maple Heights** (mail Cleveland) — Dec. 24, by City, paving Krems, Tokay, Tabor, Brunswick, Mapleboro, Waterbury, Beechwood, Mountville, Gardenvias Sts., etc. To exceed $50,000. C. W. Courtney, 1770 East 11th St., Cleveland, engr.

Streets and Roads (Continued)

**Ind., Fort Wayne**—Dec. 19, by O. M. Darling, engr., Fort Wayne, concrete surfacing 23,232 sq.yd. Seddlemeyer Rd., for Allen Co. $57,200.

**Ind., Kendallville** — Dec. 19, by City Council, stone curbing and sheet asphalt on concrete paving 43,166 sq.yd. 5 streets. $131,000. Address City Engineer.

**Ind., La Porte**—Dec. 19, by P. Summy, engr., La Porte, grading and graveling 3.5 mi. Slater Rd., 26 ft., for La Porte Co. $26,000.

**Wis., Kenosha**—See "Contracts Awarded."

**Wis., Port Washington**—See "Contracts Awarded."

**Wis., Racine**—See "Contracts Awarded."

**Wis., West Bend** — See "Contracts Awarded."

**S. D., Vermilion**—Dec. 28, by City, c/o C. I. Vaughn, aud., paving approximately 10 blocks various streets. $45,000.

**Mo., Lebanon**—Dec. 21, by City Clerk, 2.5 in. asphaltic concrete resurfacing approximately 17,000 sq.yd. Commercial, Jefferson, Madison Sts., etc. Russell & Axon, 412 McDaniels Bldg., Springfield, engrs. Noted Dec. 3.

**Mo., St. Louis**—Jan. 5, by Bd. Pub. Serv., 208 City Hall, brick paving, etc., San Francisco St. between Kingshighway and Geraldine Sts. $23,600, and Wilson St. between Cooper and Edwards Sts. $11,200; Kentucky rock asphalt paving, etc., Wellington St. between Leamington and Manhattan Sts., $10,000; asphaltic concrete paving, etc., Leamington St. between Commonwealth and Manhattan Sts. $4,725, Humphrey St. between Gustine and Russell Sts. $7,720, and Humphrey St. between Russell and Oak Hill Sts. $7,320; asphalt or Warrenite paving, etc., Nebraska St. between Park and Magnolia Sts., $64,200; Warrenite paving South and North Utah Places between Grand and Gustine Sts. $60,000, Humphrey St. between Grand and Gustine Sts. $31,600, and Utah St. between Gustine and Russell Sts. $8,200. W. W. Horner, 300 City Hall, engr.

**Texas** — Dec. 24, by State Hy. Comn., Austin, clearing, grubbing, bridging and bituminous concrete on sledged stone paving 16.83 mi. State Aid Project 639, $585,600; also grading, bridging and bituminous concrete on sledged stone paving 17. 76 mi. State Highway 67, State Aid Project 640, $502,200, both 18 ft., in Stephens Co. G. E. Franklin, Eastland, engr. Noted Oct. 1.

**Tex., Breckenridge** — Dec. 24, by G. E. Franklin, engr., Breckenridge, grading, bridging and 2 in. bituminous, bitulithic, amlesite, or national on stone paving 17.76 mi. road from here to Young Co. line, State Project 640, $502,200; and 16.83 mi. road from here to Throckmorton Co. line, State Project 639, $585,600 for Stephens Co.

**Tex., El Paso**—Dec. 24, by F. W. Wilson, engr. El. Paso Co., grading and 2 concrete and timber bridges on 1.99 mi. highway east Ysleta. $30,000.

**Okla., Enid**—Jan. 5, by City Clerk, grading, curbing and 3 in. rein.-con. slab paving 6 blocks various streets, 20 ft.; also one 30 ft. span rein.-con. bridge. $26,000. F. C. Magruder, City Hall, engr. Noted Dec. 10.

**Calif., Burlingame**—City Trustees taking bids curbing, guttering, walks, and 1½ in. Warrenite bitulithic on 4½ in. concrete paving, etc., 183,143 sq.ft. Adeline Dr., Balboa St., etc. To exceed $50,000. J. James, city engr. Noted Dec. 10.

**Calif., Los Angeles**—Dec. 28, by Supervs. Los Angeles Co., improving Moneta Ave. from 93rd St. to Pacific Electric Railway right-of-way, 13,385 cu.yd. excav., 270,607 sq.ft. 6 in. concrete paving, 281,166 sq.ft. 2 in. asphaltic concrete top, 10,599 sq.ft. 4 in. asphaltic concrete base, 277,903 lin.ft. disintegrated granite sub-base, etc. To exceed $120,000.

## BIDS RECEIVED

**Mass., Boston**—Park Dept., 33 Beacon St., Nov. 12, gravel and asphalt surfacing Fens Rd., from J. C. Coleman & Sons, 1620 Tremont St., Roxbury, $55,870.

**Rhode Island**—State Bd. Pub. Rds., State House, Providence, Nov. 25, bituminous macadam paving 6.61 mi. Contr. 2516, Federal Aid Project 29, in Cumberland, from T. J. Quinn, Ashton, $158,697, 2.17 mi. Contr. 2514, in Warren, from Lawton Constr. Co., 251 New York Ave., Providence, $54,049; bituminous concrete paving 2.36 mi. Contr. 2515, Federal Aid Project 30, in Scituate, from J. McCormick, East Providence, $81,259; gravel surfacing 3.5 mi. Contr. 2517, in Charlestown and Richmond, from W. H. Hinman, Medway, Mass., $52,285, all foregoing 18 ft. Noted Nov. 19.

**N. Y., Brooklyn** — J. A. Guider, pres. Brooklyn Boro, Boro Hall, Dec. 9, from Galco Contg. Co., 745 Dean St., sidewalk, etc., on Shore Blvd., $25,572; from G. M. Mandato, 129 29th St., grading, curbing and flagging East 17th St. $1,907, East 12th to East 13th Sts. $2,377, and 76th St. $5,582, from Grimm Contg. Co., 170 McKinley St., Junius St. $6,120, and Lott Ave. $1,116, from Castle Bros., Johnson Pl., Albany Ave. $2,755, from J. C. Dempsey, 516 Prospect Pl., 12th Ave. $11,037, from J. W. McHale, 1250 Jefferson Ave., 55th St., $4,050; from B. Turecamo Contg. Co., 8706 Bay 12th St., grading and permanent asphalt paving Avenue S $5,362, 55th St. $6,402, and 76th St. $8,230, from Uvalde Asphalt Co., 1 Bway., New York City, Church Ave. $2,755, and Junius St., $6,072. Noted Dec. 3.

**Pennsylvania**—State Hy. Dept., Harrisburg, Dec. 7, **(R. means Route and A. means Application)**, one course rein.-con. paving 20,937 ft. R. 50, A. 3474, Somerset Co., from W. H. Harper Constr. Co., Franklin. W. Va., $160,414, 9,803 ft. A. 3327, Ogle and Shade Twp. Rd., Somerset Co., from Rudolph & Delano, 27 Pine St., Tamaqua, $85,992, 14,070 ft. Route 296, A. 3611, Clifford Twp. Rd., Susquehanna Co., from Lincoln Constr. Co., Strafford, $105,-261, 11,785 ft. A. 36362, Unity Twp. Rd., Westmoreland Co., from M. Barber, 180 Henry St., Binghamton, N. Y., $92,345; and grading, etc., 74,511 ft. R. 93, Sect. 1, Limestone-Watson-Pleasant Twp. Rd., Warren Co., from Rood Constr. Co., Savings Bank Bldg., Butler, $315,014. Noted Nov. 12.

**Pa., Phila.**—Dept. Pub. Wks., Bureau of Highways, Dec. 8, grading Cottman St. between Torresdale and Frankford St., from T. Conner, 3621 North 5th St., $6,590; asphalt paving Copley Rd. between Manheim and Clapier Sts., from Union Paving Co., 30th and Locust Sts., $9,921; furnishing and delivering asphaltic cement, from Atlantic Refining Co., 260 South Broad St., $8,645.

**W. Va., Morgantown**—Magnolia Co., Dec. 7, native stone, tarvia or asphalt surfacing Fairmont-Morgantown Rd., from W. R. Bainbridge, Fairmont, $94,710. Noted Oct. 29.

**Louisiana**—State Hy. Dept., Baton Rouge, Dec. 1, graveling 8.02 mi. Monroe-Jonesboro Highway, Project 436 B, Ouachita Parish, from Alexandria Contg. Co., Alexandria, $72,018; 3.4 mi. Olla-Jena Highway, Project 435 B, La Salle Parish, from S. S. Andrews, Jena, **(1)** $19,437 **(2)** $25,426 **(3)** $17,609 **(4)** $22,102; 9.6 mi. Chatham-Ruston Highway, Project 419-A, Jackson Parish, from H. Jones, Jonesboro, **(1)** $92,403 **(2)** $86,166. Noted Nov. 12.

**Kentucky**—State Hy. Dept., Frankfort, Dec. 7, grading 6.761 mi. Louisa-Inez Rd., 20 and 22 ft., State Project 39-A, Lawrence Co., from Hart & Cooper, Whitesburg, $59,937; 9.508 mi. Hartford-Fordsville Rd., State Project 45-B, and 7.095 mi. Fordville-Daviess Co. line Rd., State Project 12-A, both 24 and 28 ft., Ohio Co., from W. W. Carter, Clay, $64,989 and $62,895 respectively. Noted Oct. 20.

**O., Cincinnati**—Director Pub. Serv., concrete paving, etc. 9,550 sq.yd. Daytonia Ave. between Boudinot and Glenmore Aves., from Foley Constr. Co., 3209 Boudinot Ave., $38,591. Engrs. est. $46,-771. Noted Nov. 26.

**Michigan** — State Hy. Dept., at office comrs. Sanilac Co., Sandusky, Nov. 30, from T. McNally, Saginaw, graveling 2.756 mi. Trunk Line Rd. 38-6, Sect. C, $33,505, and 7.443 mi. Sects. A-1 and A-2 same road $92,189, also concrete paving 0.72 mi. Sect. B, same road $23,804. Noted Nov. 19.

**Arkansas**—State Hy. Dept., Little Rock, Nov. 30, improving 21.18 mi. McGehee-Watson Rd., Federal Aid Project 189-A, Desha Co., from J. T. Carr, Monticello, $109,073. Noted Nov. 19.

**California**—State Hy. Dept., Sacramento, Nov. 30, macadam paving 15 mi. road between Castaic and point 3 mi. north of Natl. Forest Inn, Los Angeles Co., from F. W. Nighbert, Bakersfield, $55,860. Noted Nov. 19.

**Calif., Los Angeles** — Los Angeles Co., Dec. 7, from Pierson & Morris, Bradbury Bldg., improving Betty and Hubbard Sts., (Co. Impvt. 207), 9,003 cu.yd. excav. $0.40 per ft., 32,512 ft. curbing $0.42, 65,565 sq.ft. walks $0.1525, 133,721 sq.ft. 6 in. guttering $0.19, 1,035 ft. 8 in. guttering $0.25, etc., total approximately $70,100. Noted Dec. 10.

## CONTRACTS AWARDED

**Massachusetts**—Dept. Pub. Wks., Boston, bituminous macadam paving highway through Granville and Southwick, to Gobeille, 1147 Main St., Worcester, $7[illegible]-465. Noted Dec. 3.

**Mass., Cambridge** (Boston P. O.) — Granite block on asphalt paving varie[illegible] streets, to Simpson Bros., 77 Summer S[illegible], Boston, $3.37 per yd. Engrs. est. $25,00[illegible]

**Rhode Island**—State Bd. Pub. Rds., State House, Providence, bituminous macada[illegible] paving 6.61 mi. Contr. 2516, Federal Aid Project 27 in Cumberland, to T. J. Quin[illegible] Ashton, $158,697, 2.17 mi. Contr. 2514, [illegible] Warren, to Lawton Constr. Co., 251 Ne[illegible] York Ave., Providence, $54,049; bitu[illegible]minous concrete paving 2.36 mi. Cont[illegible] 2515, Federal Aid Project 30, in Scitua[illegible] to J. McCormick, East Providence, $81,25[illegible] gravel surfacing 3.5 mi. Contr. 2517, [illegible] Charlestown and Richmond, to W. [illegible] Hinman, Medway, Mass., $52,285, all for[illegible]going 18 ft. Grand total $346,290. Noted Nov. 19.

**N. Y., New York** — H. Bruckner, pre[illegible] Bronx Boro, Crotona Park, Tremont and 3rd Aves., to T. Di Roma, 33 Evelyn Pl., grading, curbing and sidewalks on Rochambeau Ave. $8,416 grading, etc., Rosedale Ave. $3,769, and Holland Ave. $20,650; to I. F. Cavaluzzo, 1538 Walton Ave., grading Wallace Ave. $3,223, and to L. D. Minna, 2366 Lorrilard Ave., Hering Ave. $11,467; to C. Turiano Contg. Co., 8706 Bay 12th St., Brooklyn, sewers in Hine and Burke Aves., $15,215. Grand total $62,740. Noted Dec. 10.

**N. Y., Williamsville**—Improving Wehrle Dr., to Meyer & Meyer Corp., Military Rd., Tonawanda, $416,844.

**Pennsylvania**—State Hy. Dept., Harrisburg, **(R. means Route and A. means Application)**, to Swanger & White, Lebanon, improving 9,152 ft. R. 139, Hummelstown Boro Rd., Dauphin Co., 26,330 sq.yd. rein.-con. paving at $2.90 per sq.yd., 7,347 cu.yd. excav. $1.35, total $108,558; to J. I. Dick, Scottdale, 9,686 ft. A. 1220-1035, Bullskin Rd., Fayette Co., 18,126 sq.yd. rein.-con. paving $3.25, and 12,532 cu.yd. excav. $1.15, total $95,565; to Winston & Co., Harrisburg, 1,411 ft. A. 3603, Picture Rocks Boro Rd., Lycoming Co., 2,480 sq.yd. rein.-con. paving $3,788 cu.yd. excav. $1.50, total $12,823; and to H. Bunce, 125 Fulton St., Olean, N. Y., 18,922 ft. R. 89, A. 3679-3710, Oil Creek Twp. Rd., Crawford and Venango Counties, 33,710 sq.yd. rein.-con. paving $2.65, and 9,050 cu.yd. excav. $1, total $118,484. Grand total $335,630.

**Pa., Phila.**—Dept. Pub. Wks., Bureau of Highways, grading Cottman St. between Torresdale and Frankford Sts., to T. Conner, 3621 North 5th St., $6,590; asphalt paving Copley Rd. between Manheim and Clapier Sts., to Union Paving Co., 30th and Locust Sts., $9,921; furnishing and delivering asphaltic cement, to Atlantic Refining Co., 260 South Broad St., $8,545. Grand total $25,156.

**N. C., Saluda**—Mayor and Bd. Aldermen, curbing, guttering, water and sewer lines, paving, etc. 34,000 sq.yd. various streets, to Stacey Bros., Greenville, Tenn., approximately $100,000. Noted Nov. 12.

**Florida** — State Rd. Dept., Tallahassee, clearing, grading and surfacing approximately 6.28 mi. road, 30 ft. Escambia Co., to Noonan-Lawrence, Pensacola, $187,796.

**Ala., Birmingham** — City **(e. e. means engrs. est.)**, to Bessemer Eng. Co., 1112 19th St., Bessemer, concrete paving 7 blocks 37th St. and 4th Ave. S., 40 ft., $33,211 e. e. $51,210, 2 blocks 9th Court W., 40 ft., $7,990 e. e. $10,550, 3 blocks 31st Ave. N., 30 ft., $18,513 e. e. $27,300, and asphaltic concrete paving 3 blocks alley north of Highland Ave., 20 ft., $1,850 e. e. $2,300; to Mitchell Constr. Co., Amer. Trust Bldg., concrete paving 4 blocks 15th Ave., 15th, 19th and Court Sts., 40 ft., $14,334 e. e. $16,300, and 2 blocks 11th Ave. S., 30 ft., $2,460 e. e. $3,150; to Federal Paving Co., Amer. Trust Bldg., sheet asphalt paving 9 blocks 39th St., 40 ft., $49,449 e. e. $68,115; to Southern Roads Co., 104 North 17th St., asphaltic concrete paving 1 block 34th St., 40 ft., $5,796 e. e. $7,600, and 2 blocks Bessemer Rd., 30 ft., $16,598 e. e. $21,775, to Independent Paving Co., Amer. Trust Bldg., 3 blocks 16th St. S., 30 ft., $12,977 e. e. $16,770, to Dunn Constr. Co., Lincoln Life Bldg., 5 blocks 11th St., 9th and 10th Aves., 40 ft., $11,150 e. e. $14,350, to Morgan Hill Paving Co., Woodward Bldg., 2 blocks 28th and 29th Sts. (both Ensley), 40 ft., $8,521 e. e. $11,650, to H. N. Bowdry, Farley Bldg., 3 blocks 13th Ave. N., 40 ft., $20,297 e. e. $22,100. Grand total $203,146. Noted Oct. 8, Sept. 10 and 17.

**Miss., Aberdeen**—Curbing, guttering and 2 in. Warrenite on 4 in. cnocrete surfacing 7,000 sq.yd. various streets, to Southern Roads Co., Brokers Bldg., Birmingham, Ala., $20,132. Noted Oct. 8.

Streets and Roads (Continued)

**Miss., Biloxi**—Riviera Development Co., grading, paving, sidewalks, sewering, etc., Bay Terrace Subdivision, to Southern Paving & Constr. Co., Volunteer Life Bldg., Chattanooga, Tenn., $108,000; seawall, to Boullut & Ewin, Inc., Q & C Bldg., New Orleans, La., $8,640. Noted Nov. 5.

**Miss., Brandon** — Pisgah Separate Road Dist., improving 8 mi. Sandhill-Canton Rd., to Dryess Constr. Co., Waynesboro, $26,666.

**Miss., Gulfport**—City Comrs., 2½ in. Lake asphalt on 5 in. concrete surfacing approximately 109,000 sq.yd. 3 sections paving work, to Baird-Eller Constr. Co., Nashville, Tenn., $2.03 per sq.yd., total $229,600; vitr. brick surfacing 30,000 sq.ft. 4th St. paving section, to Merrill Eng. Co., Jackson, $2.76 per ft., total $101,750; curbing, guttering and concrete sidewalks, to R. M. Perry, Mobile, Ala., $171,130. Noted Nov. 12.

**Michigan**—State Hy. Dept. at office comrs. Wayne Co., Detroit, concrete paving 0.549 mi. Trunk Line Rd. 16-24, in village of Redfern, to Wayne Co. Rd. Comn., Detroit, $31,228.

**Illinois**—State Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, concrete surfacing 6.53 mi. Route 14, Sect. 10, White and Hamilton Counties, to Ransom & Sherwood, Palestine, $123,575; 10.73 mi. Route 2, Sect. 77, Winnebago Co., to S & H Constr. Co., 92 Mason St., Milwaukee, Wis., $156,747; Routes 3 and 38, Sect. 57-X, Jersey Co., to Nelson Constr. Co., Jerseyville, $27,990; Route 9, Sect. 36-D, McDonough Co., to Jenson & Schafer, 212 North Cap St., Pekin, $17,854. Grand total $326,166. Noted Oct. 15.

**Ill., Evanston**—Bd. Local Impvts., to M. Foley Co., 1521 Lyons St., paving alleys south of Greenleaf St. $5,612, Block 10 $3,332, Block 2 $2,890, Block 5 $3,500, Block 18 $3,300 and Ridgeway St. from Grant St. to Central Ave. $36,872, to J. A. McGarry Co., 189 West Madison St., Chicago, Callan and Case Sts. $10,639, Hull St. from Ridge Ave. to Asbury St. $22,088, Marcy St. from Grant St. to Central Ave. $31,356, and Brown St. from Church to Simpson Sts. $35,781; to Connel Conrad Constr. Co., Dodge Ave., sewers in Grey, Seward, Keeney, Warren and Oakton Sts., $22,844. Grand total $178,214.

**Wis., Kenosha**—J. F. Herzog, highway comr. Kenosha Co., will expend $53,000, gravel surfacing various roads. Work will be done with own forces. J. T. Donaghey, Madison, highway engr.

**Wis., Port Washington**—W. J. Ubbink, comr. Ozaukee Co., will gravel surface 8.4 mi. Trunk Highways B, C, D, O and W, by day labor. J. T. Donaghey, Madison, engr.

**Wis., Racine** — Racine Co., E. Fischer, comr., will construct 16 mi. gravel roads, by day labor. Wisconsin Highway Comn., Madison, engr.

**Wis., West Bend** — Washington Co., C. Johnson, Kewaskum, comr., will pave with concrete 4.75 mi. Highway 55; and gravel surface 3 mi. Trunk Highways S and P, by day labor. Wisconsin Highway Comn., Madison, engr.

**Minn., Minneapolis**—See "Railways."

**Minn., St. Paul**—Grading and limestone paving ¾ mi. boulevard across narrows in Lake Como and Lake Como Blvd. on northeast side of Lake Como between Narrows and Lexington Ave., to Thornton Bros., 318 Endicott Bldg., $28,637.

**Kan., Dodge City**—Grading, curbing and concrete paving 7 blocks Ave. C, to Geiger & Rutherford, 626 Cherokee St., Leavenworth, $28,451.

**Kan., Paola**—Miami Co., to A. L. Cook, Ottawa, grading 9.623 mi. Federal Aid Project 293-C, $30,424; to Alderman, Martin & Alderman, Ottawa, culverts on same road $17,501, 10 ft. concrete slab bridge $2,313 and 120 ft. Pratt truss bridge, $16,574. Grand total $66,812. Noted Oct. 15.

**N. D., Minot** — A. G. Torgerson, aud. Ward Co., grading, etc., 11.932 mi. Federal Aid Project 273-A and B, Ward and McLean Counties, to Hall & Booth, Stanley, $25,743.

**Mo., Henrietta**—For 7 in. rein.-con. paving various streets, to Richmond Constr. Co., Richmond, approximately $25,000.

**Mo., Neosho**—For 7 in. concrete paving, etc. 11,460 sq.yd. South Washington and North College Sts., to H. Kost, Joplin, $35,326.

**Ark., Hot Springs** — Curbing, guttering, sewering and 6 in. concrete paving 37,758 sq.yd. streets in Paving Dist. 82, to G. W. Nicholas & Son, Hot Springs, $93,090.

**Ark., Little Rock**—C. T. Ryan, secy. Arkansas-Missouri Highway Dist. Pulaski Co., improving above district, Contr. 1, to Southern Material & Constr. Co., Southern Trust Bldg., $18,138; Contr. 3, to Kelliher Constr. Co., Southern Trust Bldg., $72,074. Noted Nov. 19.

**Tex., Wichita Falls**—Rein.-con. paving about 5 blocks Ave. L from Grant to Hayes Aves., and Holiday St. from 10 to 11th Sts., to L. W. Whitham & Co., Wichita Falls, $3 per sq.yd. Engrs. est. $35,000.

**Okla., Guthrie**—G. L. Anderson, city clk., grading, curbing and concrete paving 7,358 sq.yd. Noble, 19th, 11th, Cleveland and Drexel Sts., to B. Brooks, Tonkawa, $27,740. Engrs. est. $28,850. Noted Dec. 3.

**Okla., Oklahoma City**—Concrete widening 8 blocks Bway., 8 ft., to B. M. House & Co., Merrie Garden Bldg., $25,152, engrs. est. $28,000; and grading and concrete paving 6,100 sq.yd. McKinley, Stonewall and 44th Sts., to M. A. Swatek & Co., 519 West Main St., $23,158, engrs. est. $26,400. Noted Sept. 10.

**Okla., Ralston**—C. M. Doves, city clk., grading, curbing and concrete paving 9,970 sq.yd. Main St., to Gudgel & McVay, Stillwater, $28,000. Engrs. est. $28,887. Noted Nov. 26.

**Idaho**—Commissioner Pub. Wks., Boise, grading, etc., 7.68 mi. North and South Highway, Federal Aid Project 9-E and F, Idaho Co., to E. A. Webster & Co., Hutton Bldg., Spokane, Wash., $87,251. Noted Nov. 19.

**Washington**—State Hy. Comn., Olympia, clearing and grading, etc. 7.1 mi. State Rd. 12, Wahkiakum and Pacific Counties, to J. M. Brewster, 232 Pioneer Bldg., Seattle, $166,366; and 7.98 mi. State Rd. 9, Thurston and Grays Harbor Counties, to Philbrick & Nicholson, 702 Rust Bldg., Tacoma, $30,748. Noted Nov. 19.

**California**—State Hy. Dept., Sacramento **(e. e. means engrs. est.)**, asphaltic concrete paving 14.6 mi. road between Ontario and Riverside, San Bernardino and Riverside Counties, to Steele Finley, Santa Ana, $206,748, e. e. $239,992; grading 21 mi. road between Desert Center and point 4 mi. west of Hopkins Well, Riverside Co., to F. C. Payton, Norwalk, $27,740 e. e. $34,675, 36.7 mi. road between Ricardo and Five Mile Canyon, Kern and Inyo Counties, to H. Wilson, Keeler, $16,470, e. e. $18,448; asphaltic concrete surfacing and concrete widening 2.1 mi. road between Carpinteria and point 2 mi. southeast (V-S B.-2-R), Santa Barbara Co., to Cornwall Constr. Co., Santa Barbara, $48,737, e. e. $66,533; grading and crushed gravel or stone surfacing 18.5 mi. road between Hicks and Daggett, San Bernardino Co., to K. Hodgman, Oakland, $158,920, e. e. $201,032. Grand total $458,615. Noted Oct. 22 and 29.

**Calif., Burbank** — To Gibbons & Reed, 2022 Glendale Blvd., Los Angeles, improving San Fernando Blvd., 599,383 sq.ft. grading $0.025 per ft., 186,564 sq.ft. 8 in. concrete paving $0.229, and 357,798 sq.ft. 5 in. concrete paving $0.149, etc., total approximately $327,670.

**Calif., Fresno**—Grading, curbing, guttering, etc., Belmont Ave. between Glen and Forthcamp Sts., to California Road & Street Impvt. Co., Fresno, $40,293.

**Calif., Glendale**—Grading and 4 in. asphaltic concrete paving 114,577 sq.ft. Allen Ave., Hale St., etc., to C. U. Heuser, Box 98, $35,995. Noted Dec. 10.

**Calif., Los Angeles** — Los Angeles Co., curbing, guttering and concrete paving Canal St., (Co. Impvt. 402), to J. P. Benson, Douglas Bldg., $45,430; concrete paving, etc. 154,338 sq.ft. Wilmington and Los Angeles Rd., Impvt. Dist. 292, and 315,708 sq.ft. Olive St., Rd. Dist Impvt. 276, to C. A. Ladaveze, 209 South Elizabeth St., $35,969 and $74,487 respectively; also grading and concrete paving, etc. 87,376 sq.ft. Anaheim Telegraph Rd., to Griffith Co., Railway Bldg., $42,795. Grand total $198,681. Noted Dec. 10.

**Calif., Los Angeles** — Bd. Pub. Wks., grading and concrete paving, etc., Radford Ave. between San Fernando Rd. and Haddon St., to P. F. Martter, 1250 Gramerey Pl., $15,283; grading, curbing, sidewalks, sewers and concrete paving 3rd Ave. between Washington and Adams Sts., etc., to G. H. Oswald, 366 East 58th St., $22,895. Noted Oct. 22.

**Calif., San Diego**—Common Council, 1½ in. asphaltic concrete on 5 in. concrete paving 271,010 sq.ft. Kansas St., to G. R. Daley, 4430 Boundary St., $59,351; grading, curbing, sidewalks and 1½ in. asphaltic concrete paving, etc., 32nd and Juniper Sts., to Griffith Co., 25 14th St., $22,119. Noted Oct. 29.

**Calif., Santa Monica** — Grading, paving, curbing, walks, etc. on 7th St. between Pico Blvd. and Bway., to Griffith Co., Railway Bldg., Los Angeles, $37,375.

## Buildings—Industrial

### PROPOSED WORK

**Mass., Boston** — PRINTING PLANT — City, Pub. Buildings Dept. plans printing plant, Battery, Commercial and Salutation Sts., North End Dist. $200,000. Engineer and architect not selected.

**Mass., Cambridge** (Boston P. O.)—FACTORY—McHugh Realty Co., 4 Osborne St., plans altering and constructing brick addition, Sidney St. $50,000. Engineer and architect not selected.

**Mass., Dedham**—PLANT—Metropolitan Charcoal Co., East Dedham, plans reconstructing plant, Whiting Ave., recently destroyed by fire. $40,000 or more. Engineer and architect not selected.

**Mass., South Boston** (sta. Boston) — PLANT — C. I. Brick, Inc., 24 Gold St., plans 2 and 3 story, brick addition, between Gold and 4th Sts. $40,000. Engineer and architect not selected.

**N. Y., Buffalo** — CONCRETE BLOCK FACTORY—Thde Bros., 18 Colorado St., plans rein.-con. factory. To exceed $40,000.

**N. Y., Elmira** — MILL — International Rayon Co., c/o A. J. Sauer & Co., archts., 1506 Race St., Phila., Pa., having plans prepared 160 x 270 ft., and 108 x 160 ft., rein.-con., brick or tile, plain foundation, near here. $1,200,000.

**Pa., Beech Creek** — CANDY PLANT — Reed Mfg. Co., E. R. Reed, pres., plans 2 story and part basement, 90 x 115 ft., brick and steel, Main St. $115,000.

**N. C., Morehead** — ELECTRIC LIGHT PLANT — Town plans to issue $75,000 bonds, constructing electric light plant.

**N. C., Woodfin** (Sta. Asheville) — CASKET FACTORY—Natl. Casket Co., 3 Park Sq., Boston, Mass., plans plant here, incl. 120,000 gal. concrete reservoir. $500,000. W. H. Donnell, Asheville, pres.

**Ga., Atlanta**—LAUNDRY—See "Buildings-Educational, Religious."

**Tenn., Chattanooga**—FACTORY—Corley Mfg. Co., 1901 Williams St., plans factory for manufacturing saw mill equipment. $50,000.

**Tenn., Dyersburg**—ICE and STORAGE PLANT—Dyersburg Ice & Coal Co., plans ice and cold storage plant. $100,000.

**Tenn., Nashville**—POWER PLANT, etc. —Nashville Ry. & Light Co., Watkins Bldg., plans to expend $1,540,000 during 1926, for light, power and street car service, here and vicinity, incl. power sub-station on 1st Ave., $100,000; improving and reconstructing car lines, $250,000; turbine generator for power plant, $500,000; 10 new street cars, $135,000. B. C. Edgar, pres.

**O., Columbus**—FACTORY and DISPLAY —Superior Heating Co., 75 East Front St., making plans 2 story and basement, 68 x 118 ft., brick and concrete, Goodall St. $45,000. Engineer and architect not selected.

**Ind., Vincennes** — SHOE FACTORY — Brown Shoe Co., 1610 Washington Ave., St. Louis, Mo., having preliminary plans prepared 3 story, brick and concrete factory. $250,000. Private plans.

**Mich., Detroit** — SERVICE STATION — Cadillac Motor Car Co., 2860 Clark Ave., had plans prepared by A. Kahn, 1000 Marquette Bldg., 2 story, 150 x 207 ft., rein.-con., brick and steel addition, plain foundation, Cass Ave.

**Mich., Detroit** — SUB-STATION — Pub. Lighting Comn., 174 East Atwater St., having plans prepared by Smith, Hinchman & Grylls, archts. and engrs., 800 Marquette Bldg., Substation 11, 2 story and basement, rein.-con., brick and steel, plain foundation, in connection with Morrell St. power and lighting station.

**Ill., Chicago**—STORAGE and SERVICE G. C. Nimmons & Co., archts., 122 South Michigan Ave., soon lets contract (1st unit) storage and service building, West 22nd and Throop Sts., for Commonwealth-Edison Co., 72 West Adams St. $1,000,000. Noted Nov. 12.

**Ill., Maywood** — PLANT — Canada Dry Ginger Ale, Inc., 25 West 43rd St., New York City, plans 1 story, rein.-con., plain foundation, 19th Ave. and Monroe St., here. $500,000.

**Ill., Quincy**—FACTORY—Gardner Governor Co., South Front St., having preliminary plans prepared by F. D. Chase, 720 North Michigan Ave., Chicago, 1 story, 100 x 250 ft., brick and steel factory. $60,000.

**Ill., Roxana** (mail East Alton)—REFINERY—Roxana Petroleum Co., Arcade Bldg., St. Louis, Mo., purchased two 80 acre tracts and plans rein.-con. and brick re-

Buildings—Industrial (Continued)

finery buildings of various sizes, incl. new storage tanks, equipment, etc., here. $3,000,000. Private plans.

**Wis., Madison**—DAIRY—Capitol Dairy Co., c/o C. M. Price, pres., 640 West Wilson St., plans brick and steel pasteurizing plant. $75,000. Engineer and architect not selected.

**Wis., Pittsville** — CANNERY — G. D. Booth, Marshfield, plans 1 story, 48 x 132 ft. brick cannery, plain foundation, here. $40,000. Engineer and architect not selected.

**Wis., West Allis**—FACTORY—Janka Millwork Mfg. Co., 680 54th Ave., plans 2 story, brick and timber, plain foundation, Beloit Rd. $40,000. Engineer and architect not selected.

**Wis., West Bend**—CANNING PLANT—Stephens Canning Co., Elkhart Lake, having plans prepared remodeling canning plant, etc., here. $50,000. Private plans.

**Ia., Storm Lake**—LIGHT PLANT—City plans electric light plant and distribution system. $170,000. J. H. Oats, city clk.

**Minn., Blue Earth** — CANNERY — Blue Earth Canning Co., I. A. Nelson, Lake Mills, Ia., pres., plans brick and concrete cannery, here. $100,000. Engineer and architect not announced.

**Neb., Columbus**—PLANT—Northwestern Pub. Serv. Co. plans 4 story plant addition. $100,000.

**Neb., Spencer**—POWER PLANT—Northern Nebraska Power Co., plans power plant, incl. 3,000 ft. dam, transmission line, dyke, etc., on Niobrara River, 6 mi. south of here. $1,000,000. C. J. Hubbell, Dewese, pres. Noted Aug. 27 under "Dams."

**S. D., Sioux Falls**—LIGHT PLANT—Defeated $300,000 bonds electric plant. W. C. Leyse, city aud. Noted Nov. 12.

**Mo., St. Joseph**—BAKERY—A. J. Crepe, Alexander Apartments, having preliminary plans prepared by W. Siemens, 303 Bartlett Bldg., rein.-con., and brick bakery, $125,000.

**Calif., Bakersfield**—SUB-STATIONS, etc. —San Joaquin Light & Power Co., Power Bldg., Fresno, plans sub-stations and power lines in Kern Co. Dist. $1,000,000 appropriated.

**Calif., Los Angeles**—FACTORY—Thomas Paper Converting Co., 1201 South Main St., having plans prepared by Austin Co. of California, archts. and engrs., 777 East Washington St., 1 and 2 story, 100 x 148 ft., brick and steel, Santee and Washington Sts. $80,000.

**Calif., Oakland** — OIL DISTRIBUTING and STORAGE PLANT—Julian Petroleum Corp., 988 Market St., San Francisco, plans oil distributing and storage plant, on 8 acre site, Parr Terminal, here. $500,000 or more.

**Calif., San Francisco** — FACTORY — Russia Cement Co., Gloucester, Mass., having plans prepared by S. Hyman, 68 Post St., 2 story, rein.-con., glue and paste factory, etc., Howard St., here. $40,000.

**Calif., Stockton**—OIL DISTRIBUTING and STORAGE PLANT—California Petroleum Corp., Securities Bldg., Los Angeles, plans oil distributing and storage plant. To exceed $80,000.

**Ont., Fergus** — PLANT — Superior Barn Equipment Co. having plans prepared doubling capacity of plant. $50,000. G. A. Maude, c/o owner, engr.

### BIDS DESIRED

**N. H., Dover**—FACTORY—F. J. Grimes, 52 Chapel St., taking bids 1 story, brick and steel addition, Grove St. $40,000. J. E. Richardson, 56 Grove St., archt.

**Mass., Everett** (br. Boston)—COOPERING SHOP—see "Contracts Awarded."

**Mass., Malden** (br. Boston)—REPAIR and SERVICE GARAGE — See "Contracts Awarded."

**Mass., Quincy** (Boston P. O.)—MANUFACTURING—See "Contracts Awarded."

**Pa., Oaks**—RUBBER PLANT—Dec. 19, by Osborn Eng. Co., engrs., East 71st-Euclid Bldg., Cleveland, O., 70 x 100 ft. deheading and chopping house, 80 x 80 ft. washer and grinder house, 90 x 160 ft. washer devulcanizing building, 60 x 60 ft. tank house, 50 x 80 ft. drier building, 80 x 100 ft. drystock storage, 50 x 220 ft. mill, 122 x 201 ft. warehouse and office building, 50 x 90 ft. boiler house, 60 x 220 ft. mechanical building and 400 ft. crane runway, etc., for Philadelphia Rubber Wks., Land Title Bldg., Phila., $400,000.

**Pa., Pittsburgh**—ICE PLANT—See "Contracts Awarded."

**O., Fostoria**—FACTORY—Jan. 1, by Officers Seneca Wire & Mfg. Co., Fostoria, 1 story, 160 x 375 ft. addition. $75,000.

**Mo., St. Louis**—DAIRY—Larkin Eng. Co., engrs. and archts., Granite Bldg., taking bids 2 story and basement, 50 x 97 ft., brick and rein.-con., Russell Ave., for Jersey Farm Dairy Co., 1007 Russell Ave. $60,000.

**Tex., Cuero** — CREAMERY — See "Contracts Awarded."

**Calif., San Francisco** — PRINTING PLANT—T. Ronneberg, engr., Crocker Bldg., taking bids 3 story and basement, rein.-con., Sansome St., for Sunset Publishing Co., 460 4th St. $150,000.

### BIDS RECEIVED

**Mich., Detroit**—SWITCHING STATIONS —Pub. Lighting Comn., 174 East Atwater St., Switching Stations "A," "B," and "C," rein.-con., brick and steel, in connection with Morrell St. power plant, from W. H. Mueller, 2210 Park Ave., $373,000. Former bids rejected. Noted Nov. 26.

### CONTRACTS AWARDED

**Mass., Boston**—FACTORY, etc.—Atlantic Screen & Wood Products Co., 25 Vale St., Roxbury, 1 story and basement, 65 x 230 ft., with 25 x 105 ft. ell, rein.-con. and brick factory, boiler house and garage, here, to R. A. Murray, 83 Clement Ave., Rosindale. Archts. est. $50,000.

**Mass., Everett** (br. Boston)—COOPERING SHOP—Merrimac Chemical Co., 148 State St., Boston, will build 1 story, brick and timber shop. $40,000. Work will be done by separate contracts. Private plans.

**Mass., Greenfield** — ICE CREAM FACTORY—J. G. Turnbull Co., 31 Davis St., Springfield, 2 story, 45 x 105 ft., brick, to L. D. Cook, 28 Forest Ave., Springfield. Archts. est. $45,000. Noted Dec. 3.

**Mass., Malden** (br. Boston)—REPAIR and SERVICE GARAGE—P. Levine, 23 Creston St., Roxbury, will build 1 story, 100 x 300 ft., rein.-con. and brick, 226 Pleasant St. $165,000. Work will be done by separate contracts. J. A. Tuck, Park Sq. Bldg., Boston, archt.

**Mass., Medford** (br. Boston)—SHOP—Jackson & Newton Co., 105 Portland St., Boston, altering and constructing 2 and 3 story timber addition, Myrtle Pl., to Frankini Bros., 32 Mystic Ave. Archts. est. $40,000.

**Mass., Quincy** (Boston P. O.)—MANUFACTURING—Eastern Wood Products Co., 56 Arlington St., Wollaston, will build 1 story, timber manufacturing plant, 16-20 John St., by day labor. $40,000. R. L. Sidelinger, Hancock St., archt.

**Mass., Somerville** (Boston P. O.)—OIL PLANT, GARAGE, etc.—Sunlight Oil Co., c/o E. Porter, archt., 39 Mystic Ave., Medford, 1 story, 30 x 100 ft., oil plant, garage, office, loading shed, pump house, etc., rein.-con., off Lowell St., to Frankini Bros., 32 Mystic Ave., Medford. Archts. est. $40,000.

**Mass., West Springfield** (br. Springfield) — MANUFACTURING — New England Smelting Co., I. Brown, pres., altering and constructing 1 story, 125 x 135 ft., brick addition, to M. Miskin, 619 Dickinson St. Archts. est. $60,000. Noted Nov. 5.

**Conn., New Britain** — INDUSTRIAL — Landers, Frary & Clarke, 4 story, concrete and timber, East Main St., to H. Wales Lines Co., State St., Meriden, about $60,000.

**Pa., Pittsburgh**—ICE PLANT—Consolidated Ice Co., 13th and Pike Sts., will build 2 story and basement, 30 x 250 ft., brick, hollow tile and steel addition, Brushton Ave., by day labor. $100,000. Private plans.

**Pa., Pittsburgh**—WAREHOUSE—Crucible Steel Co. of America, Oliver Bldg., general contract for 1 story, 49 x 50 ft., concrete, brick, hollow tile and steel, Rebecca St., to Conley & DeMey, 127 North Heland Ave.

**Pa., Williamsburg** — PLANT — Western Virginia Pulp & Paper Co., 200 5th Ave., New York City, N. Y., approximately 80 x 170 ft., steel and concrete addition, here, to Morton C. Tuttle Co., 862 Park Sq. Bldg., Boston, Mass.

**Del., Wilmington**—MACHINE ROOM—Jessup & Moore Paper Co., Commercial Tribunal Bldg., Phila., Pa., 1 story, 40 x 360 ft., brick and steel extension, here, to M. C. Tuttle Co., Park Sq. Bldg., Boston, Mass.

**Md., Towson**—MACHINE SHOP—Black & Decker, 1 story, 100 x 200 ft., brick and steel, plain foundation, to W. H. Sands, East Pennsylvania Ave., $75,000.

**W. Va., Parkersburg**—PLANT—Ballinger Co., archts., 12th and Chestnut Sts., 1, 2 and 3 story, rein.-con., brick and steel, plain foundation, on Little Kanawha River, near here, to J. Pettijohn, Lynchburg, Va., for Viscose Co., Marcus Hook, Pa. Archts. $2,000,000.

**Ala., Anniston**—PLANT—M & H Va[illegible] Co., Anniston, J. W. Conway, Atlanta, [illegible] pres., 4 brick buildings, largest being [illegible] x 390 ft., here, to Ogletree Constr. Co., [illegible] niston, $75,000. Noted July 16.

**Miss., Meridian**—ICE PLANT—Ka[illegible] Repsher Ice Co., Inc., J. B. Tutt, secy. [illegible] treas., 2 story, concrete and brick, 7th St. and 36th Ave., to McArthur & McLem[illegible] Meridian. Archts. est. $75,000. No[illegible] Oct. 29.

**O., Cleveland**—FACTORY and STORA[illegible] —Eaton Axle Co., C. F. Ochs, genl. m[illegible] 735 East 140th St., 1 story, 80 x 152 [illegible] brick and steel, to S. W. Emerson Co., 18[illegible] Euclid Ave. Archts. est. $40,000.

**O., Cleveland** — FACTORY — Natl. St[illegible] Barrel Co., 3860 East 91st St., 1 story, [illegible] x 183 ft., brick and steel addition, 38[illegible] East 91st St., to Boldt-Rapp Co., 55[illegible] Euclid Ave. Archts. est. $150,000.

**O., Cleveland** — FACTORY — Scranto[illegible] Ave. Carriage Co., J. T. Hildebrand, pres., 2339 Scranton Rd., 1 story, 25 x 65 [illegible] brick and steel addition, to C. Denzler, 41[illegible] Roberts Ave. Archts. est. about $40,000.

**Mich., Detroit** — SMELTING — Michigan Copper & Brass Co., 5851 West Jefferson Ave., aluminum smelting plant, to Austin Co., 16112 Euclid Ave., Cleveland, O.

**Mich., Jackson**—MACHINE SHOP, etc. —Amer. Gear & Mfg. Co., 615 South Park St., general contract incl. mechanical trades for 200 x 225 ft. machine shop, garage, etc., to Everett Winters Co., 1024 Book Bldg., Detroit, approximately $250,000.

**Ill., Chicago**—PRINTING PLANT, etc.— Manz Corp., 4043 Ravenswood Ave., 3 story, 138 x 168 ft., rein.-con. and brick addition, to R. C. Wieboldt Co., 1534 West van Buren St. Archts. est. $300,000.

**Ill., Granite City** — BLAST FURNACE and POWER PLANT — Midland Coke & Iron Corp., 117 North 4th St., St. Louis, Mo., two 5,000 kw. units power plant and 3,500 tons steel capacity blast furnace, to Riter-Conley Co., Oliver Bldg., Pittsburgh, Pa. This corrects name of owner in Sept. 10 issue.

**Ill., Peoria** — LAUNDRY — Family Wet Wash Laundry, 241 Maplewood St., 2 story, 90 x 150 ft., concrete and brick, Lincoln St., to F. Harbers Sons, Central Natl. Bank Bldg. Archts. est. $80,000.

**Wis., Milwaukee** — FACTORY — International Harvester Co., 784 Park St., 1 story, 145 x 200 ft., steel plant, to Austin Co., 16112 Euclid Ave., Cleveland, O., approximately $125,000.

**Wis., Milwaukee**—POWER HOUSE and LAUNDRY—R. Cramer, engr., 1105 Vliet St., 3 story, 67 x 70 ft., brick and concrete, plain foundation, Cedar St., to Bentley Bros., 808 South Pierce St., for Milwaukee Hospital, 22nd and Cedar Sts. Engrs. est. $60,000. Noted Nov. 26.

**Wis., Pittsville** — CANNERY — G. D. Booth, Marshfield, 1 story, 42 x 100 ft., brick, plain foundation, here, to Hastings Industrial Co., 326 West Madison St., Chicago, Ill. Archts. est. $40,000.

**Minn., Bemidji**—HEATING and POWER PLANT—State Dept. Administration & Finance, Capitol Bldg., St. Paul, general contract 1 story, heating and power plant, also 3 story and basement addition to college, both rein.-con. and brick, at State Teachers College, here, to A. G. Wahl & Son, 616 7th Ave. S., St. Cloud, $96,149. Noted Dec. 10.

**Neb., Omaha**—ICE PLANT—St. Joseph Hospital, 10th and Castellar Sts., 1 story and basement, brick plant, to Parson Constr. Co., 404 Arthur Bldg. Archts. est. $55,000.

**Mo., Joplin**—PLANT—Southwestern Sash & Door Co., 1 story, 100 x 200 ft., brick and tile mill work plant, to G. W. Miller, 1007 Prospect Ave., approximately $50,000.

**Mo., St. Louis** — FACTORY — Standard Underground Cable Co., 4125 North Kingshighway, 2 story and basement, 60 x 80 ft., rein.-con. addition, Kingshighway Blvd., to Widmer Eng. Co., Laclede Gas Bldg.

**Tex., Cuero** — CREAMERY — Cuero Creamery, c/o J. B. Wayne, Corpus Christi, will build creamery, by day labor. $45,000. Private plans.

**Calif., Colton**—STEEL FRAME MILL— California Portland Cement Co., Pacific Mutual Bldg., Los Angeles, 1 story, 62 x 500 ft., steel frame mill building, here, to Austin Co. of California, 777 West Washington St., Los Angeles, $50,000.

**Calif., Los Angeles**—FACTORY—Eureka Paper Box Co., 824 Wall St., 2 story and basement, 65 x 120 ft., timber and rein.-con., 20th and Tarleton Sts., to J. M. Cooper, 321 Rives-Strong Bldg., $40,000. Noted Nov. 26.

## Buildings—Commercial

### PROPOSED WORK

**Mass., Boston**—THEATRE—J. C. Kiley & E. F. Cassell, 18 Tremont St., plans theatre, Green, Chardon and Pitts Sts. To exceed $150,000. Engineer and architect not selected.

**Mass., Charlestown** (sta. Boston) — MUNICIPAL—City, Dept. Pub. Buildings, Boston, plans 3 story, brick and stone, here. $350,000. Engineer and architect not selected.

**Mass., Gardner**—CITY HALL—City, c/o P. Varney, archt., 25 Exchange St., Lynn, having revised plans prepared 2 story and basement, brick and stone, plain foundation, Pleasant St., here. $150,000 or more. R. D. Kimball, 6 Beacon St., Boston, engr.

**Mass., Hyannis**—APARTMENT—H. T. Collett having sketches made by H. A. Lewis, 75 Washington St., Providence, 2 story and basement, 80 x 218 ft., brick and stucco apartment, $150,000.

**Mass., Jamaica Plain** (Boston P. O.)—APARTMENT—P. Glaser, 27 School St. Boston, having plans prepared by Silverman, Brown & Heenan, 51 Cornhill St., Boston, 3 story and basement, brick and stone here. $200,000.

**Mass., Somerville (Boston P.O.)**—HOTEL—G. Vatigian, Odd Fellows Bldg., having sketches made by J. A. Tuck, Park Sq. Bldg., Boston, 10 story and basement, 150 x 200 ft., brick and steel, 291-297 Bway. $1,250,000.

**Mass., Woburn**—THEATRE, STORE and OFFICE—E. M. Dangel, 18 Tremont St., Boston, having plans prepared by G. E. Robinson, Chamber of Commerce Bldg., Boston, 2 story and basement, brick, Pleasant and Federal Sts. $150,000.

**Conn., Stamford**—HOTEL and STORE—P. Vanech, 416 Main St., takes bids about Dec. 17, 7 story and basement, 50 x 135 ft., brick and stone, Main St. $300,000. F. Urso, 432 Main St., archt. Noted Oct. 22.

**N. Y., Bronxville** (Ind. br. Yonkers)—OFFICE — Lawrence Realty Co., c/o Walker & Gillette, archts. and engrs., 128 East 37th St., New York City, soon takes bids 2 story, 150 x 200 ft., brick, steel and stone, plain foundation, Station Plaza, here. $200,000.

**N. Y., Brooklyn**—APARTMENT—Realty Associates, S. Grumpertz, pres., 162 Remsen St., having plans prepared by L. A. Goldstone, engr. and archt., 512 5th Ave., New York City, brick, steel and stone, plain foundation, Boardwalk and 64th St., Brighton Beach, here. $2,000,000.

**N. Y., Brooklyn**—BATH HOUSE—Realty Associates, S. Grumpertz, pres., 162 Remsen St., having plans prepared by L. A. Goldstone, engr. and archt., 512 5th Ave., New York City, rein.-con. and steel addition, to Parkway Baths, plain foundation, Sea Breeze Ave., Brighton Beach, here. $500,000.

**N. Y., Buffalo** — CITY HALL — City having sketches made by McKim, Mead & White, 101 Park Ave., New York City, for City Hall, Niagara Sq. $1,000,000.

**N. Y., Little Neck** (mail Douglaston) — THEATRE — Cripple Bush Realty Co., c/o E. Holmgren, archts. and engr., 371 Fulton St., Brooklyn, having plans prepared 1 story, brick, steel and stone, plain foundation, Northern Blvd., here. $150,000.

**N. Y., New York**—GARAGE—V. Valentine, c/o Gronenberg & Leuchtag, engrs. and archts., 450 4th Ave., having plans prepared 6 story, 100 x 150 ft., brick, steel and stone, plain foundation, 540 West 58th St.

**N. Y., New York** — HOTEL — I. Baer Corp., c/o Gronenberg & Leuchtag, engrs. and archts., 450 4th Ave., having plans prepared 31 story, brick, steel and stone, plain foundation, 56th St. and 7th Ave. $6,000,000.

**N. Y., New York**—LOFT—Five Hundred Eighty-Four 8th Ave. Corp., S. Friedenberg, pres., c/o J. B. Snook Sons, engrs. and archts., 52 Vesey St., having plans prepared 21 story, brick, steel and stone, plain foundation, 584 8th Ave. $4,000,000.

**N. Y., New York**—LOFT—M. Rosenthal, c/o B. H. Whinston, engr. and archt., 6 East 46th St., having plans prepared 12 story, 30 x 100 ft., brick, steel and stone, plain foundation, 339 West 35th St.

**N. Y., New York** — OFFICE — Willetts Constr. Co., c/o Sloan & Robertson, engrs. and archts., 441 Lexington Ave., having plans prepared 16 story, 80 x 100 ft., brick, steel and stone, plain foundation, 112 East 32nd St. $600,000.

**N. J., Newark**—HOTEL and THEATRE—Military Park Constr. Co., c/o Polhemus & Coffin, engrs. and archts., 15 East 40th St., New York City, having plans prepared 18 story, brick, steel and stone, plain foundation, Park Pl., here. $3,000,000.

**Pa., Phila.** — APARTMENT HOTEL—Kanak Co., 1034 Spruce St., having plans prepared 4 story and basement, 50 x 240 ft., rein.-con., brick and steel, plain foundation, 41st and Chestnut Sts. $350,000. Private plans.

**Pa., Phila.**—BANK—D. Bassett, archt., 1520 Locust St., preparing plans and soon takes bids 3 story and basement, 24 x 120 ft., rein.-con., brick and steel bank, plain foundation, here. Owner's name withheld.

**Pa., Phila.**—STORE—H. C. Kahn & Son, 11th and Filbert Sts., having plans prepared by L. B. Rothschild, 215 South Broad St., 8 story and basement, 23 x 200 ft., rein.-con., brick and steel, plain foundation, 929 Market St. $500,000.

**Md., Baltimore**—GARAGE and REPAIR SHOP—Wilson-Nash Motors Co., T. W. Wilson, Jr., 1100 Cathedral St., had plans prepared 1 story and basement, 150 x 250 ft., rein.-con., brick and steel, plain foundation, 29th and Remington Ave. $100,000. Private plans.

**Md., Baltimore**—WAREHOUSE—Montgomery, Ward & Co., Chicago Ave. and Larr St., Chicago, Ill., plans 8 story and basement, rein.-con. addition, plain foundation, Monroe St. and Washington Blvd., here. $800,000. Engineer and architect not selected.

**N. C., Charlotte**—OFFICE—Southern Ry., 13th and Pennsylvania Ave., Wash., D. C., B. Herman, ch. engr., plans 3 story and basement, West Trade St., here. $200,000.

**Ga., Atlanta**—STORE—Sears, Roebuck & Co., Arthington and Homna Sts., Chicago, Ill., having plans prepared by G. C. Nimmons & Co., 122 South Michigan Ave., Chicago, Ill., for mail order department and retail store, here. $3,000,000.

**Fla., Pensacola** — HOTEL — E. Weil, archt., Whitney Annex, New Orleans, La., takes bids about January 1, 8 story, fireproof addition to San Carlos Hotel, here. $1,000,000. W. D. Willis, Pensacola, associated archt.

**Ind., Bedford**—STORE, etc.—W. McMillan & Sons plan 1 story, 135 x 615 ft., steel and stone store and factory. $300,000. Private plans.

**Mich., Detroit** — APARTMENT — Levine Bros., c/o Wiedmaier & Gay, archts., 51 Campau Bldg., having plans prepared brick and steel, plain foundation. Manderson Ave.

**Mich., Detroit**—TEMPLE—United Arbiter Assn., Inc., 3638 Gratiot Ave., had plans prepared by L. Kamper, Kamper Bldg., 3 story and basement, 120 x 160 ft., rein.-con., brick and steel, plain foundation, Maxwell and Seminole Aves. $500,000. Noted Nov. 12.

**Mich., Detroit**—THEATRE and HOTEL—C. H. Miles, Griswold and State Sts., having plans prepared by P. R. Pereira, 333 State St., 16 story and basement, 100 x 201 ft., rein.-con., brick and steel, plain foundation, Adams Ave.

**Mich., Highland Park** (br. Detroit P. O.) — APARTMENT — H. Silverman, 1101 Lafayette Bldg., having plans prepared by M. Finkel, 1333 Book Bldg., 8 story and basement, 150 x 250 ft., rein.-con., brick and steel, plain foundation, Woodward and McLean Aves. $3,000,000.

**Ill., Chicago**—APARTMENT HOTEL—Oldefest & Williams, archts., 605 North Michigan Ave., preparing plans and take bids about Dec. 15, 7 story, 50 x 120 ft., rein.-con., brick and terra cotta, 620-622 Gary Pl., for Angelus Building Corp., T. S. Williams, pres., 605 North Michigan Ave. $385,000.

**Ill., Chicago**—APARTMENT—De Forest A. Matteson, 77 West Washington St., having sketches made 16 story, 85 x 150 ft., rein.-con., brick and steel, 1420 Lake Shore Dr. $2,250,000. Engineer and architect not selected.

**Ill., Chicago**—HOTEL—Davis Hotel Co., c/o Rissman & Hirschfeld, archts., 64 West Randolph St., had sketches made 14 story hotel, Walton Pl. near North Michigan Blvd. $3,000,000. Noted Dec. 3.

**Ill., Chicago**—EXCHANGE and OFFICE—Holabird & Roche, archts., 104 South Michigan Ave., soon let contract 2 story and basement (ultimately 5 story), 40 x 42 x 77 x 162 ft., brick and steel, Central and Belden Aves., for Illinois Bell Telephone Co., 212-230 West Washington St.

**Ill., Chicago** — THEATRE, STORE and OFFICE — Parkview Theatre Building Assn., 3756 Irving Park Blvd., having sketches made by C. H. Lenske, 3755 Irving Blvd., 3 story, 125 x 140 ft., brick, steel and terra cotta, North Central Park and Elston Aves. $650,000.

**Ill., Chicago**—Berlin & Swern, archts., 19 South La Salle St., preparing plans and take bids about January 11, 10 story and basement, 150 x 150 ft., concrete and brick, North Dearborn and Oak Sts., for Y. W. C. A., 59 East Monroe St. $1,000,000.

**Ill., Macomb**—HOTEL—Owner, c/o Commercial Assn., E. E. Wyne, pres., making preliminary plans 4 or 6 story hotel. $250,000 up.

**Wis., Milwaukee**—APARTMENTS—Conrad-Thoma Realty Co., 429 Bway., plans two 3 story and basement, brick and concrete, plain foundations, Grand Ave. and 22nd St. $250,000 each. Engineer and architect not selected.

**Wis., Milwaukee**—APARTMENT—C. J. Keller & Son, 432 Bway., making preliminary plans 3 story and basement, brick, tile and concrete, Cedar St. $150,000. Private plans.

**Wis., Milwaukee** — CLUB — University Club, 491 Jefferson St., having preliminary plans prepared by J. R. Pope, 542 5th Ave., New York City, N. Y., 5 story and basement, 80 x 110 ft., brick and concrete, plain foundation, Juneau Pl. $400,000. Noted Jan. 29.

**Wis., Milwaukee**—THEATRE and BUSINESS—Semi & Pessin, 1606 North Ave., having plans prepared by E. A. Meyer, 2702 Lisbon Ave., and Siewert & Fries, 835 36th St., 3 story and basement, 207 x 284 ft., brick, terra cotta and concrete, plain foundation, North and Fond du Lac Aves. $400,000. Noted Nov. 26.

**Wis., Oshkosh**—APARTMENT—W. Rasmussen, foot of 7th St., had plans prepared by R. B. Williamson, 508 Bway., Milwaukee, 3 story and basement, 110 x 135 ft., brick and concrete, plain foundation. $180,000.

**Wis., Wausau** — THEATRE — Wausau Theatres Co., 208 Scott St., having plans prepared by Oppenhamer & Obel, Bellin Bldg., Green Bay, 2 story and basement, 112 x 137 ft., brick, tile and concrete, plain foundation, here. $150,000. Noted Nov. 26.

**Ia., Des Moines** — TEMPLE — Scottish Rite Temple Assn. soon takes bids 4 story, 116 x 163 ft., concrete, steel, granite and stone. $600,000. Wetherell & Harrison, S & L Bldg., archts.

**Kan., Topeka**—HOSPITAL—Christ Hospital, 9th and West Sts., takes bids about Jan. 6, 4 story and basement, rein.-con. and brick hospital, incl. swimming pool, power house, etc. $500,000. Schmidt, Garden & Martin, 104 South Michigan Ave., Chicago, engrs. Noted Sept. 3.

**Neb., Omaha**—THEATRE and APARTMENT—Liberty Film Co., 1514 Davenport St., purchased site and plans 6 story and basement, 148 x 198 ft., rein.-con., brick and steel theatre, etc., 20th and Dodge Sts. $1,500,000. Engineer and architect not selected.

**Mo., Farmington**—COURT HOUSE—St. Francois Co. Court takes bids about Jan. 1, 3 story and basement, 96 x 96 ft., rein.-con., brick and stone. $250,000. Howard & Finley, International Life Bldg., St. Louis, archts. Noted Oct. 15.

**Mo., St. Louis**—HOTEL—A. M. Frumberg et al., Bank of Commerce Bldg., Bway. and Olive Sts., having preliminary plans prepared 22 story and basement, 48 x 100 ft., rein.-con., steel, brick, stone and terra cotta, 12th and Pine Sts. $850,000. Private plans.

**Mo., St. Louis**—OFFICE and GARAGE—H. F. Tacke, 5149 Rosa Ave., having plans prepared by O. J. Krieg, 1002 Arcade Bldg., 2 or 3 story, 125 x 200 ft., brick and concrete, Kingshighway and Lansdowne Blvd. $150,000.

**Ark., Fayetteville** — HOTEL — Mount Sequoyah Development Co., c/o A. C. Miller, 221 East Capitol St., Little Rock, takes bids in January, rein.-con., brick and stone, Mount Sequoyah St., near here. $250,000. Sieg & McDaniels, 807 Central Bank Bldg., Memphis, Tenn., archts. Noted Oct. 22.

**Tex., Coleman**—HOTEL—J. P. and C. M. Martin, having plans prepared by D. S. Castle Co., Abilene, 4 story and basement, rein.-con., brick and stone hotel. $175,000.

**Tex., Dallas**—OFFICE—J. N. McCammon, Inc., (owner and archt.), 604 Southland Life Bldg., preparing plans 24 story, basement and sub-basement, 50 x 100 ft., brick, terra cotta and steel, Main and Akard Sts. $1,750,000.

**Tex., Ft. Worth** — MEDICAL ARTS — Sanguinett, Staats & Hedrick, archts., 1st Natl. Bank Bldg., preparing plans and take bids about Jan. 1, general contract 16 or

Buildings—Commercial (Continued)

**18 story**, 108 x 209 ft., rein.-con., brick and stone, Cherry, Burnett and 10th Sts., for Tarrant Co. Medical Arts Building Co., c/o C. F. Clayton, 709 F. & M. Bank Bldg. Total $1,000,000. Excavation for above, to J. T. Taylor, Burk Burnett Bldg., approximately $25,000. Noted Nov. 12.

**Tex., Kerrville** — COURTHOUSE and JAIL—Kerr Co., c/o L. Wallace, judge, plans rein.-con., brick, stone and steel courthouse and jail. $150,000. Engineer and architect not selected.

**Tex., San Antonio** — HOTEL-APARTMENT—W. P. Waldrep, c/o Waldrep Bldg., Tulsa, Okla., having plans prepared William Penn Hotel-Apartment, 10 story and basement, rein.-con. and brick, plain foundation, Nopal and Steves Sts., here. $2,500,000. Private plans.

**Tex., San Antonio**—SALES, STORE and WAREHOUSE—A. A. Herff, archt., Savings and Loan Bldg., soon lets contract 2 story, 125 x 150 ft., and 1 story, 80 x 150 ft., rein.-con. and brick, East Huston and Chestnut Sts., for Crane Co., 836 South Michigan Ave., Chicago, Ill.

**Tex., San Benito**—HOTEL—Chamber of Commerce, c/o Secretary, plans 4 story, brick, stone and rein.-con. hotel. $250,000. Engineer and architect not selected.

**Okla., Oklahoma City** — HOSPITAL — Wesley Hospital, 300 West 12th St., c/o A. Blesh, doctor, having preliminary plans prepared by Moore & Smith, archts. and engrs., 224½ West 3rd St., Oklahoma City, 4 story and basement, rein.-con., brick and stone hospital, plain foundation. $250,000.

**Okla., Oklahoma City**—OFFICE—Levy Bros. having plans prepared 3 story, 75 x 140 ft., rein.-con. addition, plain foundation, Harvey and Main Sts. $175,000. Engineer and architect not selected.

**Okla., Okmulgee**—OFFICE, etc.—J. W. McCullough, 1324 8th St., soon takes bids 6 story and basement, 95 x 102½ ft., rein.-con., stone, terra cotta and brick, Creek St. $400,000. Smith & Senter, 401 Commerce Investment Bldg., archts. Noted Oct. 16.

**Okla., Tulsa**—CIVIC—City soon takes bids 4 story and basement, 65 x 130 ft., rein.-con., brick and stone civic headquarters. $150,000. Endacott & Rush, 404 New Wright Bldg., archts.

**Wash., Olympia**—BANK and OFFICE—Security Bank Bldg. Co., (being organized), plans 5 story, approximately 60 x 120 ft., rein.-con., 4th Ave. and Washington St. $300,000. Engineer and architect not selected.

**Wash., Seattle**—AUTO—Eldridge Buick Co., plans 3 story, 90 x 170 ft., 10th St. N. E. and 45th St. $200,000. Engineer and architect not selected.

**Wash., Tacoma**—HOTEL—C. Drury Ansonia Apartments, having plans prepared by Heath, Gove & Bell, P. S. Bank Bldg., 5 story, 100 x 120 ft., brick and terra cotta, 9th St. and Pacific Ave. $175,000.

**Calif., Glendale**—CLUB—Glendale Elks Lodge having preliminary plans prepared by A. F. Priest, 719 Fay Bldg., Los Angeles, approximately 150 x 160 ft. club, incl. swimming pool, 120 East Colorado St. $200,000.

**Calif., Huntington Beach**—HOTEL—J. H. Macklin, Whittier, plans 3 story, 100 x 150 ft., rein.-con., ocean front. $150,000. Engineer and architect not selected.

**Calif., Lankershim**—THEATRE, STORE AND OFFICE—Hollywood Theatres, Inc., 7425 Sunset Blvd., Los Angeles, had plans prepared by L. A. Smith, West Coast Theater Bldg., Washington St. and Vermont Ave., Los Angeles, 2 story, 72 x 100 ft. store and office, and 100 x 200 ft. theater, 1,400 seating capacity, here. $200,000.

**Calif., Lompoc**—THEATRE, LODGE and STORE—Knights of Pythias, plans rein.-con. or brick theatre, lodge and store building. $150,000.

**Calif., Los Angeles** — APARTMENT — Harris & Dickerman, 905 Insurance Exch. Bldg., had plans prepared by R. D. King, 519 Van Nuys Bldg., 5 story and basement, 80 x 135 ft., rein.-con., Beverly Blvd. and Berendo St. $150,000.

**Calif., Los Angeles**—THEATRE, STORE and OFFICE—W. E. Chadwick, designer, Union League Bldg., preparing plans 2 story, 1,500 to 2,000 seating capacity, Whittier Blvd. $200,000. Owner's name withheld.

**Calif., Los Angeles**—THEATRE, STORE and OFFICE—W. H. Fisher, Union Oil Bldg., had plans prepared by L. A. Smith, West Coast Theatre Bldg., Washington St. and Vermont Ave., 2 story, theatre section 135 x 162 ft., 2,000 seating capacity, and office section 35 x 140 ft., Wilshire Blvd. near La Brea Ave. $200,000.

**Calif., Los Angeles** — WAREHOUSE — Challenge Cream & Butter Assn., 1219 South San Pedro St., soon takes bids 2 story (ultimately 4 story) and basement, 93 x 240 ft., rein.-con., 2nd and Vignes Sts. $150,000. C. F. Plummer, 1108 Story Bldg., archt. Noted Oct. 22.

**Calif., Oakland**—OFFICE—L. R. Lurie, 315 Montgomery St., San Francisco, having plans prepared by O'Brien Bros., 315 Montgomery St., San Francisco, 3 story and basement, rein.-con., Franklin St. $150,000.

**Calif., Oceanpark** (Ind. sta. Santa Monica) — CLUB — Santa Monica Elks Lodge, Santa Monica, having plans prepared by C. H. Russell Co., 1106 Story Bldg., Los Angeles, 5 story and basement, 81 x 200 ft., timber, Main St. and Pier Ave., here. $350,000.

**Calif., Sacramento**—APARTMENT—F. J. Wentz, c/o E. J. Seadler, archt., Mitau Bldg., having plans prepared 9 story apartment, on bank American River. $200,000.

**Calif., San Fernando**—BANK, OFFICE and APARTMENT—Bank of San Fernando having plans prepared by Walker & Eissen, Great Republic Bldg., Los Angeles, 2 story, 100 x 100 ft., brick bank, office and apartment building. $175,000. Noted Dec. 3.

**Calif., San Fernando** — CITY HALL — Plans election $150,000 bonds, for city hall.

**Calif., San Francisco**—APARTMENT—Marian Realty Co., 110 Sutter St., having plans prepared by H. C. Baumann, 251 Kearny St., 5 story and basement, rein.-con., Filbert St. and Van Ness Ave. $150,000.

**Calif., San Francisco**—APARTMENT—T. Meyer, 1st Natl. Bank Bldg., having plans prepared by H. C. Baumann, 251 Kearny St., 14 story and basement, Jackson St. $300,000.

**Calif., San Francisco**—GARAGE and STORE—E. Tropp, et al. will not construct 10 story and basement, steel and rein.-con., O'Farrell St. $800,000. Project abandoned. Noted Nov. 26.

**Calif., San Francisco**—HOSPITAL and NURSES HOME—St. Joseph's Hospital, Park Hill and Buena Vista Aves., had plans prepared by Bakewell & Brown, 251 Kearny St., 6 story and basement hospital, and 3 story, rein.-con. addition to nurses home, Buena Vista Ave. $825,000.

**Calif., San Francisco**—HOTEL—A. Tilden, c/o J. C. Hladik, Monadnock Bldg., had plans prepared 6 story and basement, steel and rein.-con., Taylor St. near O'Farrell St. $250,000.

**Calif., San Francisco** — HOTEL and STORE—Penziner, 750 Taylor St., having plans prepared 10 story and basement hotel and store in downtown section. $1,500,000.

**Calif., San Mateo** — HOTEL — B. Getz, DeYoung Bldg., San Francisco, having plans prepared by W. H. Weeks, 369 Pine St., San Francisco, 10 story and basement, 3rd Ave., here. $1,000,000.

**Calif., Santa Barbara**—HOTEL—J. Morgan, archt., Merchants Exch. Bldg., San Francisco, soon takes bids 4 story, rein.-con., Anacapa St., for Margaret Baylor Inn, c/o architect. $150,000.

**Calif., Santa Cruz**—STORE and OFFICE—Wilson Bros., 126 Pacific Ave., plans 2 or 4 story, probably rein.-con., Pacific Ave. $150,000.

**Calif., Stockton**—HOTEL and STORE—J. Ruiz, 1346 South American St., soon takes bids 3 story and basement, 125 room, brick and steel, Main and Center Sts. $150,000. R. P. Morrell, Union Bldg., archt. Noted Oct. 29.

## BIDS DESIRED

**N. H., Nashua** — STORE — C. H. Avery Co., 59 Factory St., taking bids 5 story and basement, 75 x 95 ft., brick, Factory St. $150,000. D. F. Holt & Son, 112 Vine St., archts.

**Mass., Attleboro** — THEATRE — Eagle Home Building Assn., c/o J. A. Tuck, archt., Park Sq. Bldg., Boston, taking bids 2 story and basement, 132 x 190 ft., brick and terra cotta, Bank St. $175,000. Noted Nov. 12.

**Mass., Avon** — TOWN HALL and FIRE STATION — Town, G. Wood, chn. com., taking bids 4 story and basement, rein.-con. and brick town hall and fire station. $150,000. W. J. Freethy, 113 State St., Boston, archt.

**Mass., Lowell**—THEATRE—S. Katz, c/o J. A. Tuck, archt., Park Sq. Bldg., Boston, taking bids 2 story and basement, 100 x 150 ft., brick and terra cotta, Merrimack St. $150,000. Noted Nov. 19.

**Mass., Lynn**—APARTMENT—See "Contracts Awarded."

**Mass., Malden** (br. Boston)—GARAGE—See "Contracts Awarded."

**Mass., Somerville** (Boston P. O.) — APARTMENT—See "Contracts Awarded."

**Mass., Somerville (Boston P. O.)**—THEATER, STORE and OFFICE—G. Varteg, c/o J. A. Tuck, archt., Park Sq. Bldg., Boston, taking bids 2 and 3 story and basement, 100 x 200 ft., brick and terra cotta, 303 Bway. $200,000. Noted Dec. 3.

**Mass., Springfield** — APARTMENT—See "Contracts Awarded."

**R. I., Providence**—BUSINESS—A. Wolfmore, 1917 Westminster St., taking bids 2 story and basement, 50 x 125 ft., brick and cast stone, Falcon St. $150,000. W. R. Walker, 49 Weybosset St., archt.

**Conn., Hartford**—THEATRE—See "Contracts Awarded."

**N. Y., Buffalo**—MARKET—Dec. 22, by Commissioner Parks & Buildings, rein.-con. brick and steel, Bailey Ave. To exceed $200,000.

**N. Y., Brooklyn** — APARTMENT — See "Contracts Awarded."

**N. Y., New York**—APARTMENT—See "Contracts Awarded."

**N. Y., New York**—APARTMENT—See "Contracts Awarded."

**Pa., Allentown**—HOTEL and STORE—Dec. 18, by Ritter & Shay, archts., Packard Bldg., Phila., 7 story and basement, 47 x 56 ft. and 47 x 96 ft., rein.-con., brick and steel, plain foundation, 129-137 North 7th St., here, for W. D. Cassone. $200,000.

**Pa., Homestead** — WAREHOUSE — Carnegie Land Co., Frick Annex, Pittsburgh, taking bids 2 story and basement, 50 x 110 ft., brick, steel and concrete, here. $150,000. Private plans.

**Pa., Phila.**—HOTEL, CLUB and OFFICE—Dec. 21, by A. L. Harmon, archt., 19 West 44th St., New York City, 14 story and basement, 54 x 85 ft., rein.-con., brick and steel, plain foundation, 20th and Sansom Sts., for Emergency Aid of Pennsylvania, c/o J. W. Martin, acting chn., 21st and Walnut Sts. $850,000.

**Pa., Pittsburgh**—GARAGE—J. Feigenbaum, 4th Ave., taking bids 4 story and basement, brick, concrete and steel, 4th Ave. and Chancery Lane. $250,000. Private plans. Noted January 29.

**Pa., Steelton**—MUNICIPAL—Dec. 28 (extended date), by Boro, at office H. R. Rupp, secy., 114 Walnut St., municipal building and approach. C. J. Lappley, Parkside Bldg., 2nd and Locust Sts., Harrisburg, archt.; adv. E. N.-R. Dec. 17. Noted Dec. 10.

**O., Cleveland** — COMMERCIAL and APARTMENT — L. Duchon, 515 Ulmer Bldg., taking bids 5 story, 102 x 104 ft., concrete, brick and steel, East 101st St. and Euclid Ave. $400,000. W. S. Ferguson Co., 1900 Euclid Bldg., archts. Noted Dec. 3.

**Mich., Detroit** — HOTEL — L. Kamper, archt., Kamper Bldg., taking bids and open same about Dec. 19, 15 story and basement, 112 x 246 ft., rein.-con., brick and steel, plain foundation, Woodward Ave. and Adelaide St., for P. Kamper & R. L. Spitzley, Kamper Bldg. $2,500,000. Noted Oct. 8.

**Wis., Madison**—THEATRE and STORE — E. Michalson, 1949 Winnebago St., taking bids 4 story, 60 x 155 ft., rein.-con., brick and steel, plain foundation. $350,000. P. M. Homer, Madison, archt.

**Wis., Madison** — THEATRE — Beecroft Building Co., c/o W. G. Beecroft, 6 West Mifflin St., and C. W. and G. L. Rapp, archts., 190 North State St., Chicago, Ill., taking bids 2 story, rein.-con., brick and steel theatre, plain foundation. $275,000.

**Minn., Duluth**—THEATRE—Jan. 1, by C. Hartley, executor, G. G. Hartley Estate, 740 East Superior St., 3 story, 100 x 140 ft., rein.-con., brick, tile and terra cotta, concrete pile foundation, Superior St. E. and 2nd Ave. Gilliuson, Ellingsen & Erickson, 502 Lonsdale Bldg., engrs. and archts. $225,000.

**Mo., St. Louis** — GARAGE — See "Contracts Awarded."

**Calif., Los Angeles**—THEATRE, STORE and OFFICE—Cowles-Perrine, archts., Lincoln Bldg., taking bids rein.-con. theatre, store and office building, Pasadena Ave., for West Coast Theatres, Inc., c/o architect. $150,000.

**Calif., Los Angeles**—THEATRE, STORE and OFFICE — L. A. Smith, archt., Lily-Fletcher Bldg., taking bids 2 story, rein.-con., 1,500 seating capacity, Maplewood and Western Aves., for West Coast Theatres, Inc., Film Exch. Bldg. $150,000.

**Calif., San Francisco** — APARTMENT — See "Contracts Awarded."

## BIDS RECEIVED

**Mass., Jamaica Plain** (Boston P. O.) — HOME—Home for Aged Women, c/o Cool-

Buildings—Commercial (Continued)

idge, Shepley, Bulfinch & Abbott, archts., Ames Bldg., Boston, 5 story and basement, 169 x 180 ft., brick, South Huntington Ave. and Jamaica Way, here, from Archdeacon & Sullivan, 5 East Concord St., Boston. $107,855. Noted Nov. 26.

**CONTRACTS AWARDED**

**Mass., Boston**—HOTEL—C. H. Blackall, 20 Beacon St., 17 story and basement, 8,400 sq ft. floor space, brick, steel and limestone, Tremont St. opposite Hollis St., to F. T. Ley, Inc., 230 Boylston St. Archts. est. $2,000,000. Noted Aug. 27.

**Mass., Lynn**—APARTMENT—M. Freish, 25 Neptune St., will build 3 story and basement, 60 x 150 ft., brick and stone, 14 Chase St. Work will be done by separate contracts. $175,000. G. A. Cornet, 10 Central Ave., archt.

**Mass., Malden** (br. Boston)—GARAGE—P. Levine, c/o J. Tuck, archt., Park Sq. Bldg., Boston, will build 1 story, 110 x 300 ft., brick and steel, Pleasant St. Work will be done by separate contracts. $150,000. Noted Nov. 12.

**Mass., Somerville** (Boston P. O.) —APARTMENT—F. H. Lilley, 21 Elmwood Park, Malden, will build 7 story and basement, brick and cast stone, plain foundation, Evergreen Ave, here. $150,000 or more. Work will be done by separate contracts. C. F. Springall, 50 Concord St., Malden, archt.

**Mass., Somerville (Boston P. O.)**—APARTMENT—Gould & Lilley, 21 Elmwood Park, Malden, will build 3 story and basement, 77 x 100 ft., brick, plain foundation, Summer Ave., here. $150,000. Work will be done by separate contracts. C. F. Springall, 50 Concord St., Malden, archt. Noted Dec. 10.

**Mass., Springfield** — APARTMENT — M. Bennett, 62 Osgood St., will build 4 story and basement, 65 x 135 ft., brick, 64 Osgood St. Work will be done by separate contracts. $165,000. J. W. Foster, 105 Bridge St., archt.

**Conn., Hartford**—APARTMENTS—S. I. Ward, 750 Main St., two 3 story, 35 x 132 ft., brick and steel, Farmington Ave., to A. Levin, 27 Westbourne Parkway. Archts. est. $225,000. Noted Dec. 3.

**Conn., Hartford** — THEATRE — Harris Bros., c/o G. A. Sandblom, archt. and engr., 145 West 45th St., New York City, N. Y., will build 156 x 485 ft. theatre, Village St. $500,000. Work will be done by separate contracts.

**N. Y., Brooklyn**—APARTMENT—Regent-Kenmore Corp., c/o Shampan & Shampan, engrs. and archts., 188 Montague St., will build 6 story, 100 x 100 ft., brick, steel and stone, plain foundation, Ocean Ave., by day labor. $350,000.

**N. Y., New York**—APARTMENT—Forty-Seven West 96th St. Corp., c/o E. Roth, engr. and archt., 119 West 40th St., will build 15 story, 80 x 85 ft., brick, steel and stone, plain foundation, 41 West 96th St. $500,000. Work will be done by separate contracts.

**N. Y., New York**—APARTMENTS—High View Building Corp., c/o C. Kreymborg, engr. and archt., 2534 Marion Ave., will build two 6 story, brick, steel and stone, plain foundations, Woodycrest Ave., by day labor. $250,000 each.

**N. Y., New York**—APARTMENT—H. L. Constr. Co., c/o C. Kreymborg, engr. and archt., 2534 Marion Ave., will build 5 story, 82 x 90 ft., brick, steel and stone, plain foundation, Oliver Pl., by day labor. $150,000.

**N. Y., New York**—LOFT—J. Tishman & Sons, Inc., 280 Madison Ave., will build 16 story, 65 x 100 ft., brick, steel and stone, plain foundation, 50-56 West 37th St. Work will be done by separate contracts. Engineer and architect not selected.

**Pa., Pittsburgh** — APARTMENT — P. Miller, Inc., 600 Majestic Bldg., Detroit, Mich., general contract Webster Hall Apartment, 11 story and basement, 207 x 317 ft., 5th Ave. and Dithridge St., to Everett Winters Co., 1024 Book Bldg., Detroit, Mich. Archts. total est. $3,000,000. Noted Aug. 20.

**Pa., Pittsburgh**—POLICE STATION—City, c/o W. P. Magee, mayor, general contract 4 story and basement, 46 x 160 ft. police and fire station, 1st Ave. and Short St., to Landan Bros. Co., 125 1st Ave., $207,818. Noted Nov. 19.

**Pa., Phila.** — HOSPITAL — Zantzinger, Borie & Medary, archts., Otis Bldg., 4 story and basement, 60 x 142 ft., rein.-con., brick and steel, plain foundation, 8th and Spruce Sts., to F. L. Hoover & Son, 1023 Cherry St., for Pennsylvania Hospital. Archts. est. $400,000. Noted Nov. 19.

**Pa., Phila.**—STORAGE WAREHOUSE—G. S. Kingsley, archt., 1452 Bway., New York City, N. Y., 6 story and basement, 75 x 120 ft., rein.-con. and brick, plain foundation, 237-53 Church Lane, to Evans Steele Co., 2217 Chestnut St., for Wallace Storage Co., 1826 North 20th St. Archts. est. $300,000.

**Pa., Phila.**—THEATRE, etc.—Ogontz & Church Lane Realty Co., c/o Hoffman-Henon Co., Finance Bldg., and Magaziner, Eberhard & Harris, archts., 603 Chestnut St., 2 and 3 story and basement, 74 x 120 ft., and 71 x 87 x 168 ft., rein.-con., brick and steel, plain foundation, Ogontz Ave. and Church Lane, to G. Kessler Co., 1733 North Marvine St. Noted Sept. 17.

**Pa., Rochester**—HOTEL—Amer. Hotels Co., Inc. c/o G. B. Post & Sons, archts. and engrs., 101 Park Ave., New York City, N. Y., 100 room, brick, steel and stone hotel, plain foundation, here, to Day & Zimmerman, 16th and Walnut Sts., Phila. Archts. est. approximately $1,000,000. Noted Oct. 29.

**La., New Orleans** — OFFICE — W. E. Spink, archt., Canal-Commercial Bldg., steel for Pere Marquette Bldg., Baronne and Common Sts., to St. Louis Structural Steel Co., Bank of Commerce Bldg., St. Louis, Mo.; terra cotta, to Amer. Terra Cotta Co., 1701 Prairie Ave., Chicago, Ill.; and foundation, to H. H. Williams Co., 816 Howard St. Noted Dec. 10.

**O., Lima**—BANK and OFFICE—Walker & Weeks, archts., 1900 Euclid Bldg., Cleveland, 8 story and basement, 50 x 87 ft., concrete, brick and steel, here, to Hunkin-Conkey Constr. Co., Hunkin-Conkey Bldg., Cleveland, for Old Natl. Bank. Archts. est. $400,000. Noted Nov. 26.

**Ind., Muncie**—Y. W. C. A. of Muncie, 3 story, brick and steel, plain foundation, to C. F. Morrow Constr. Co., Muncie, $285,000. Noted July 9.

**Mich., Highland Park** (br. Detroit P. O.) —APARTMENTS, etc.—Highland Building Corp., 1200 Washington Blvd., Detroit, twenty 5 story and basement apartment buildings and boiler house, rein.-con., brick and steel, plain foundation, Woodward Ave., here, to Jones McNally Co., 1901 Washington Boulevard Bldg., Detroit. Archts. est. $3,000,000.

**Mich., Pontiac**—HOTEL—S. Plotkin, 120 West Montcalm St., Detroit, 4 story and basement, 103 x 140 ft., rein.-con., brick and steel, plain foundation, Perry St., to A. J. Dupuis & Co., 1210 Ford Bldg., Detroit. Archts. est. $200,000. Noted Nov. 12.

**Ill., Chicago**—APARTMENT—R. Gregori, archt., 155 North Clark St., 3 story and basement, 85½ x 125 ft., brick and stone, Ainslie St. and Magnolia Ave., carpentry, to Carlson & Erickson, 7123 Bennett Ave.; masonry, to J. Traff, 3785 North Clark St.; steam fitters, to Phillips-Getschow Co., 130 West Kenzie St., for N. and L. Wallach, 6438 Greenview Ave.. Archts. est. $350,000. Noted Nov. 19.

**Ill., Chicago**—APARTMENT—P. Klein, 110 North Dearborn St., masonry contract, 5 story, 87¾ x 116 ft., 57-71 East Goethe St., to D. M. Reid, 140 South Dearborn St. Archts. est. $250,000.

**Ill., Chicago**—APARTMENT HOTEL—Fairfax Apartment Building Corp., c/o J. A. Nyden, archt., 190 North State St., masonry and concrete contract 10 story, 100 x 120 ft., brick, stone and terra cotta, Hyde Park Blvd. and Dorchester Ave., to J. A. Lundstrum, 5153 North Clark St. Archts. est. $1,250,000.

**Ill., Chicago**—BANK—Central Mfg. Dist. Bank, 1112 West 35th St., general contract 2 story, 50 x 125 ft., brick and stone addition, to E. W. Sproul Co., 2001 West 39th St. Archts. est. $200,000.

**Ill., Chicago**—HOTEL and STORE—D. S. Klafter, archt., 64 West Randolph St., 6 story, 50 x 143 ft., rein.-con., brick and steel, 4826 Sheridan Rd., to Fitzgerald Constr. Co., 500 North Dearborn St., for J. Glasser, 4645 Sheridan Rd. Archts. est. $750,000. Former contract rescinded. Noted Nov. 12.

**Ill., Chicago** — OFFICE — J. Morton, 80 East Jackson Blvd., wrecking old building and foundations, masonry, fireproofing and caissons for 21 story and 3 story tower, 160 x 182 ft., concrete, tile, brick, granite and limestone, caisson foundation, Washington and Wells Sts., to H. Ericsson Co., 139 North Clark St. Archts. est. $2,000,000. Noted Sept. 10.

**Ill., East St. Louis**—HOTEL—Broadway Central Hotel Corp., 700 East Bway., 6 story and basement, 100 x 210 ft., rein.-con., brick and terra cotta, Bway. and 4th St., to Widmer Eng. Co., Laclede Gas Bldg., St. Louis, Mo. Archts. est. $1,100,000.

**Ill., Evanston**—HOTEL—Four Hundred and Twenty-two Davis Street Corp., c/o A. S. Hecht, archt., 155 North Clark St., general contract 7 story, 149½ x 185 ft., rein.-con., brick and terra cotta, Davis St. and Hinman Ave., to Paschen Bros., 111 West Washington St. Archts. est. $2,000,000.

**Ill., West Chicago**—TEMPLE—C. Hatzfeld, archt., 7 South Dearborn St., Chicago, general contract altering and constructing 3 story, 28 x 53 ft., fireproof addition, here, to A. Miller, 2711 North Sacramento Ave., Chicago, for Masonic Temple Assn. Noted Nov. 5.

**Wis., Madison** — OFFICE — Fairchild Building Corp., 114 North Carroll St., 3 story, 80 x 100 ft., rein.-con., brick and steel, plain foundation, to Newel Bros. Co., 2306 University Ave. Archts. est. $150,000.

**Wis., Madison**—STORE—University Co-operative Assn., E. J. Grady, mgr., 508 State St., 1 story, 60 x 150 ft. brick, rein.-con. and steel, State St., to C. B. Fritz Co., 138 North Frances St. Noted Oct. 1.

**Kan., Winfield**—HOSPITAL—City, c/o Bd. Trustees William Newton Memorial Hospital, general contract 3 story and basement, 41 x 165 ft., rein.-con., brick and stone, to P. Frankerfeld, Winfield, $99,688.

**Mo., St. Louis**—GARAGE—G. T. Burdeau Realty Co., 801 Chestnut St., will build 1 story, 228 x 247 ft., brick and steel motor-bus garage, by day labor. $150,000. J. T. Craven Eng. Co., Century Bldg., engrs. Peoples Motorbus Co., 585 Adelaide St., lessee.

**Mo., St. Louis**—OFFICE—Union Electric Light & Power Co., 12th and Locust Blvds., remodeling portion brick, concrete and steel building formerly used by Shubert-Jefferson Theatre, for offices, to Westlake Constr. Co., Ry. Exch. Bldg. Archts. est. $450,000.

**Tex., Brownsville**—HOTEL—James Dickinson Co., 6 story and basement, rein.-con., tile and stucco, plain foundation, to Kelwood Co., Travis Bldg., San Antonio, $250,000, cost plus percentage basis. Noted Oct. 1.

**Tex., Dallas**—WAREHOUSE and OFFICE—Land & Witchell, archts., 300 Amer. Exch. Bank Bldg., 8 story and basement, 95 x 125 ft., rein.-con., brick and stone, Commerce and Poydras Sts., to Jopling-Marshall Constr. Co., 522 Slaughter Bldg., for Wholesale Merchants Building Co., 904 Commerce St. About $350,000.

**Calif., Los Angeles**—APARTMENT—A. J. Eyraud, 4 story and basement, brick and concrete, 7th St. and Gramercy Pl., to Bard & Co., Chamber of Commerce Bldg., $235,000.

**Calif., Los Angeles**—GARAGE—Santee Garage Co., general contract 6 story, 100 x 160 ft., stucco, Santee St. between 8th and 9th Aves., to Pinner Masonry Constr. Co., 406-08 Lankershim Bldg., $360,000.

**Calif., Los Angeles**—STORE and LOFT—Army & Navy Store, 530 South Main St., 6 story and basement, 82 x 130 ft., rein.-con., Los Angeles St., to Baruch Corp., I. W. Hellman Bldg., $175,000. Noted Nov. 26.

**Calif., Los Angeles**—WAREHOUSE and OFFICE — G. Reynolds Electric Co., 300 East 3rd St., 3 story and basement, 80 x 130 ft., brick and rein.-con., Traction Ave., to Hodge & MacMackin, 1326 Washington Bldg.

**Calif., Monterey**—HOTEL—J. Juillard Hotel Co., c/o Hotel Del Monte, Del Monte, 7 story and basement, Main and Franklin Sts., to F. W. McCrary, Fremont St., $258,374. Noted Nov. 26.

**Calif., Oakland**—OFFICE—L. R. Lurie, 315 Montgomery St., San Francisco, 3 story and basement, rein.-con., Franklin St., to Industrial Constr. Co., 815 Bryant St., approximately $180,000. Noted Dec. 17.

**Calif., Pasadena** — HOTEL — C. V. L. Perry, c/o McNeal Swasey, archt., 405 Hibernian Bldg., Los Angeles, general contract, 7 story and basement, 100 x 175 ft., stone and rein.-con., Mentor Ave. and Colorado St., to Orndorff Constr. Co., 351 North Western Ave., Los Angeles, $450,000. Noted Dec. 3.

**Calif., Pebble Beach** — CLUBHOUSE — Monterey Peninsula Country Club, c/o C. A. Tantau, archt., 251 Kearny St., San Francisco, clubhouse, incl. swimming pool and tennis courts, etc., here, to Lindgren-Swinerton, Inc., 114 Sansome St., San Francisco, $150,000. Noted Oct. 29.

**Calif., San Francisco**—APARTMENT—L. Blum, 180 Jessie St., will build 4 story and basement, rein.-con., Bush St. near Hyde St., by day labor. $150,000. Private plans.

**Calif., San Pedro**—STORE—M. E. Lotz, 431 Center St., 4 story, 95 x 100 ft., brick and concrete, 4th and Center Sts., to H. C. Layton, 1727 Patton St., approximately $150,000.

# Buildings—Educational, Religious

## PROPOSED WORK

**Vt., Rockingham** — HIGH SCHOOL — Town, Bd. Selectmen plans rebuilding and equipping high school, recently destroyed by fire. Funds not to exceed $275,000 to be appropriated. Engineer and architect not selected.

**Mass., Boston**—CHURCH—Brighton Ave. Baptist Church, c/o Blackall, Clapp & Whittemore, archts., 20 Beacon St., having plans prepared 1 story and basement, brick and stone, Cambridge and Gordon Sts. To exceed $150,000.

**Mass., Boston**—RECREATION—Boston Baptist City Mission, 527 Tremont Temple, having plans prepared by Kendall, Taylor & Co., 142 Berkley St., 4 story and basement, brick, Green and Pitts Sts. $150,000.

**Mass., Concord** — NURSES HOME — Emerson Hospital, c/o Derby & Robinson, archts., 5 Joy St., Boston, having plans prepared 2 or 3 story, brick nurses home. $150,000.

**Mass., Dorchester** (Boston P. O.)—SCHOOL—City, Schoolhouse Dept., Boston, plans 2 story, brick, Oak Ave., Charlemont and Delmont Sts., here. $150,000. Engineer and architect not selected.

**Mass., Hyde Park** (Boston P. O.)—SCHOOL—City, Schoolhouse Dept., Boston, plans 2 story and basement, brick Central Ave., Elm, Arlington and West Sts., here. $160,000. Engineer and architect not selected.

**Mass., Leominster** — HIGH SCHOOL — Supt. of Schools plans Junior High School, 2 and 3 story, brick and stone, School St. and Meriam Ave. $200,000. Engineer and architect not selected.

**Mass., Lowell**—SCHOOL—City, J. J. Donavan, mayor, plans 2 story, brick, Oakland St., Andover Dist. $150,000. Engineer and architect not selected.

**Mass., Medfield** — RECTORY — St. Edwards Roman Catholic Church, J. R. McColl, pastor, having sketches made by H. L. Kennedy, 80 Boylston St., Boston, 3 story and basement, brick and stone rectory. $150,000.

**Mass., Newburyport**—PARISH HOUSE—St. Pauls Episcopal Church, having plans prepared by W. G. Perry, 177 State St., Boston, 2 story and basement, brick and stone, High St. $150,000.

**Mass., Watertown** — SCHOOL — Town, C. M. Abbott, chn. com. having sketches made by Kilham, Hopkins and Greeley, 9 Park St., Boston, 2 story and basement, brick, North End. $150,000 or more.

**Mass., West Newton** (Ind. br. Boston)—HIGH SCHOOL—City, E. O. Childs, mayor, plans Junior High School, 2 story and basement, brick, Washington St. $500,000. Engineer and architect not selected.

**Mass., Winchester**—PARISH HOUSE and CHAPEL — First Congregational Church, C. P. Downer, chn. comn., having plans prepared by R. Coit, 9 Park St., Boston, 2 story and basement, 73 x 121 ft., granite and stucco parish house and chapel. $160,000.

**R. I., Woonsocket** — SCHOOL — Sacred Heart Parish, c/o A. J. Murphy, archt., 146 Westminster St., Providence, having plans prepared 2 story and basement, brick, Ola St. $150,000.

**Conn., Darien**—HIGH SCHOOL—Town, School Bd., having plans prepared by Starrett & Van Vleck, 393 7th Ave., New York City, brick and steel high school, Post Rd. $150,000. Noted Nov. 12.

**N. Y., Brooklyn**—SCHOOL—Bd. Educ., 500 Park Ave., New York City, having plans prepared by W. H. Gompert, archt. and engr., Flatbush Ave. extension and Concord St., 4 story, 100 x 180 ft., brick, steel and stone addition to P. S. 104, plain foundation, 92nd St. and 9th Ave., here. $575,000.

**N. Y., New York**—NURSES HOME—Presbyterian Hospital, Madison Ave. and 70th St., plans 14 story, 72 x 153 ft., brick, steel and stone, plain foundation, Riverside Dr. between 166th and 167th Sts. $1,000,000. Engineer and architect not selected.

**N. Y., Springfield** (Jamaica P. O.) — SCHOOL — Bd. Educ., 500 Park Ave., New York City, having plans prepared by W. H. Gompert, engr. and archt., Flatbush Ave. extension and Concord St., Brooklyn, P. S. 132, brick, steel and stone, plain foundation, Merrick Rd., here. $350,000.

**N. Y., Woodhaven** (Ind. br. Jamaica)—SCHOOL—Bd. Educ., 500 Park Ave., New York City, having plans prepared by W. H. Gompert, Flatbush Ave. extension and Concord St., Brooklyn, P. S. 73, 4 story, brick, steel and stone, plain foundation, 71st and 54th Sts., here. $350,000.

**N. J., Newark** — SCHOOL — Bd. Educ. having plans prepared by J. Fred Cook, 9 Clinton St., brick, steel and stone addition, plain foundation, Maple Ave. $165,000.

**N. J., Newark** — SCHOOL — Bd. Educ. having plans prepared by J. Fred Cook, 9 Clinton St., brick, steel and stone addition, plain foundation, Sumner Ave. $300,000.

**Pa., Lock Haven**—HIGH SCHOOL—Lock Haven School Dist., N. P. Benson, supt., plans 3 story and basement, 150 x 200 ft. high school; also remodeling present school buildings. $400,000. Engineer and architect not announced.

**Pa., Pittsburgh**—SCHOOL—Bd. Educ., Fulton Bldg., having plans prepared by MacClure & Spahr, Chamber of Commerce Bldg., 2 story and basement addition to Langley Senior and Junior High School, Hutton St. and Charters Ave. $400,000.

**Md., Baltimore** — SYNAGOGUE — Beth Tfiloh Congregation, c/o F. A. Fletcher, archt., 407 North Charles St., plans 1 story and basement, steel and stone, Garrison and Dalrymple Aves. $150,000.

**Ga., Atlanta**—COLLEGE—Agnes Scott College, R. McCain, pres., having plans prepared by Cram & Ferguson, Boylston St., Boston, Mass., administration, memorial chapel, and laundry buildings. $740,000.

**O., Cleveland** — LIBRARY — Public Library Bd., C. S. Metcalf, secy., East 3rd St. and Superior Ave., having plans prepared by Walker & Weeks, 1900 Euclid Bldg., two 1 and 2 story, concrete, brick and steel, East 116th St. and Buckeye Ave. and Parkwood Dr. $180,000.

**O., Dayton** — CHURCH — Epworth Methodist Episcopal Church, N. J. Neibel, chn. building com., 823 Ferguson Ave., plans 1 and 2 story and basement, 100 x 130 ft., rein.-con., brick and stone, plain foundation, West 3rd St. $190,000. Private plans.

**O., Dayton**—SCHOOLS—Bd. Educ., Ludlow Bldg., having plans prepared by Pretzinger & Musselman, Reibold Bldg., Harrison School, Germantown St.; by Herman & Brown, Reibold Bldg., Huffman Junior High School, Huffman Ave.; and by Walker & Norwick, Amer. Bldg., Dover Junior High School, Dover St., all 2 and 3 story, rein.-con. and brick, plain foundation. $900,000.

**O., Lakewood** (Cleveland P. O.) — SCHOOL — Bd. Educ., G. W. Grill, clk., 1456 Warren Rd., having plans prepared by Howell & Thomas, 4500 Euclid Ave., Cleveland, 2 story, concrete, brick and steel, Lake and Whippoorwill Aves. $250,000. Noted Nov. 26.

**O., Rock River**—SCHOOLS—Bd. Educ., K. K. Hastings, clk., having plans prepared by Fulton & Taylor, 8120 Euclid Ave., Cleveland, grade school, on north side, $175,000; also by A. F. Foose & G. Fox, 6523 Euclid Ave., Cleveland, grade school, on south side, $175,000, each 2 story and basement, brick, steel and concrete.

**Ind., Indianapolis** — SCHOOLS — Bd. Educ. plans School 42 $185,000, School 9 $160,000, School 74 $160,000, and School 14 $150,000, each 2 story and basement, brick and rein.-con., concrete pile foundations. Engineer and architect not selected.

**Ind., South Bend** — CHURCH — River Park Methodist Episcopal Church having plans prepared by L. H. Sturges, 527 Bd. Trade Bldg., Indianapolis, 2 and 3 story, stone church. $150,000.

**Mich., Detroit**—SCHOOL—Bd. Educ., 1354 Bway. Ave., having plans prepared by McGrath, Dohmen & Page, 2231 Park Ave., 2 story and basement, rein.-con., brick and stone, plain foundation, Visger Ave. $200,000.

**Mich., Trenton** — CHURCH, etc. — St. Thomas Episcopal Church, having plans prepared by A. H. Gould & Son, 602 Empire Blvd., Detroit, 1 story and basement, brick and stone church, 2 story and basement, 37 x 130 ft. parish house, and 2 story 37 x 130 ft. rectory, both brick and timber, plain foundations. $150,000.

**Wis., Madison**—CHAPEL—St. Francis Episcopal Church, c/o N. C. Kimball, pastor, 1925 Madison St., purchased site and plans brick, rein.-con. and steel chapel, University Ave. $150,000. Engineer and architect not selected.

**Wis., Madison** — SCHOOL — Bd. Educ., T. W. Gustin, supt., 22 West Dayton St., plans 4 story, rein.-con., brick and steel addition to Lowell School, plain foundation. $150,000. Engineer and architect not selected.

**Minn., Minneapolis** — LAW SCHOOL — State Dept. Administration & Finance, St. Paul, having plans prepared by C. H. Johnston, 715 Capitol Bldg., St. Paul, 5 story and basement, rein.-con., brick and stone, here, for University of Minnesota, Bd. of Regents. $250,000.

**Kan., Topeka** — AUDITORIUM and LIBRARY — Defeated $550,000 bonds for auditorium, and $275,000 bonds for library. E. M. Covell, city clk. Noted Nov. 5.

**Kan., Topeka**—SCHOOLS—Voted $[illegible],000 bnods, for schools. E. M. Covell, city clk. Noted Aug. 27.

**Kan., Wichita** — CHURCH — Hillside Christian Congregation having plans prepared by Schmidt, Boucher & Overend, 4th Natl. Bank Bldg., 2 story and basement, 79 x 104 ft., concrete, brick and stone, Hillside St. and English Ave. $150,000.

**Mo., St. Joseph** — SCHOOL — Christian Brothers Commercial College, 12th and Henry Sts., having plans prepared by M. Carrol, 614 Ridge Bldg., Kansas City, 3 story and basement, rein.-con., brick and Bedford stone school. $250,000.

**Ark., Fayetteville**—COLLEGE—University of Arkansas takes bids about Jan. 20, 3 story, rein.-con., brick and stone engineering and agricultural buildings, on campus, $650,000. Jamieson & Spearl, Arcade Bldg., St. Louis, Mo. and H. R. Burke, 307 Southern Trust Bldg., St. Louis, Mo., archts. Same architects making preliminary plans library, home economics, womens building and auditorium, and rein.-con. stadium, 60,000 seating capacity, on campus. Noted Aug. 27.

**Okla., Oklahoma City**—CHURCH—Wesley Methodist Episcopal Congregation, C. Heidbrink, chn., having preliminary plans prepared by Bailey & Alden, 1207 Colcord Bldg., 2 story and basement, concrete, brick and stone, 25th and Douglas Sts. $150,000.

**Tex., Colorado**—HIGH SCHOOL—Election soon $150,000 bonds, new high school, for Bd. Educ. Engineer and architect not selected.

**Tex., Greenville** — ADMINISTRATION — Burleson College, c/o H. L. Durham, pres., plans new administration building. $150,000. Engineer and architect not selected.

**Calif., Berkeley**—DORMITORY—Regents of University of California, plans fireproof dormitory buildings, campus. $750,000. Engineer and architect not selected.

**Calif., Lankershim** — HIGH SCHOOL — Bd. Educ., Los Angeles, having plans prepared by M. Hunt, Hibernian Bldg., Los Angeles, group of brick school buildings. $300,000 or more.

**Calif., Los Angeles** — CATHEDRAL — Roman Catholic Archbishop plans Cathedral of St. Vibiana, fireproof, Wilshire Blvd. To exceed $150,000. Engineer and architect not selected.

**Calif., Los Angeles**—SCHOOL—City had plans prepared by Train & Williams, Western Mutual Life Bldg., 2 story, fireproof, 17th and Jordan Sts. $150,000.

**Calif., San Bernardino**—SCHOOL—City of Santa Barbara plans Ramona Elementary School, brick, here. $150,000. D. J. Witmer, Bank of Italy Bldg., Los Angeles, archt.

**Calif., Turlock** — ADMINISTRATION — Turlock Union High School Dist., having preliminary plans prepared by W. H. Weeks, 369 Pine St., San Francisco, 2 story, brick administration building. $150,000.

**B. C., Victoria**—CATHEDRAL—Anglican Church had plans prepared by J. C. M. Keith, Sagwood Bldg., 150 x 300 ft. cathedral, Quadro St. $1,000,000.

## BIDS DESIRED

**Me., Portland**—PARISH HOUSE—Woodfords Congregational Parish, D. C. Cross, pastor, taking bids 4 story and basement, 104 x 114 ft., rein.-con. and brick, Woodford and Beacon Sts. $175,000. Miller & Mayo, Fidelity Bldg., archts.

**Mass., Norwood** — SCHOOL — St. Catherines Roman Catholic Parish, 558 Washington St., taking bids 2 story and basement, brick, Washington St. $150,000. McLaughlin & Burr, 88 Tremont St., Boston, archts. Noted Oct. 29.

**Mass., Roxbury** (Boston P. O.)—SCHOOL—Dec. 22, by Schoolhouse Dept., 3 story and basement, 58 x 137 ft., brick and stone addition to Lewis Dist. School, Paulding St. and Walnut Ave., here. $300,000. C. R. Greco, 11 Beacon St., Boston, archt.

**Mass., Winchester**—SCHOOL—Town, C. R. Main, chn. building com., taking bids 2 story and basement, brick, Appalachain St. and Highland Ave. $150,000. Derby & Robinson, 5 Joy St., Boston, archts. Noted Nov. 26.

**Conn., Torrington** — CHURCH — D. A. Guerriers, archt., 1029 Main St., Hartford,

Buildings—Education, Religious (Cont.)

taking bids 56 x 112 ft., brick and steel, Center St., here for St. Peters Church. $150,000.

**N. Y., Long Beach**—SCHOOL—Dec. 18, by Bd. Educ., 2 story, brick, steel and stone, plain foundation, Neptune Blvd. and Chester St. $175,000. H. L. Smith, 25 West 43th St., New York City, engr. and archt. Noted Sept. 10.

**N. J., Totowa** (mail Paterson)—DORMITORIES, etc.—Dec. 29, at office Division Architecture & Construction, 643 Broad St., Newark, about 20 buildings, incl. dormitories, recreation, administration, etc. at Training School for Feeble Minded Females, here. $1,000,000. R. G. Lewis, comr.

**Pa., Johnstown**—HIGH SCHOOL—Jan. 11, by School Bd., Junior High School, 3 and 4 story and basement, 116 x 404 ft., rein.-con. and brick, concrete pile foundation. Decker and Sheridan Aves. J. E. Adams, Nemo Bldg., archt. Noted Mar. 12.

**O., Grandview** (Columbus P. O.)—HIGH SCHOOL—Jan. 2, by Bd. Educ., S. R. Scholes, clk., 2 story and basement, 112 x 126 ft., Oxley Rd. and 1st Ave. $300,000. Noted Nov. 26.

**O., Zanesville** — CHURCH — St. Johns Evangelical Lutheran Church, W. L. Dowler, pastor, taking bids 1 story, 80 x 160 ft., concrete, brick and steel church. Corbusier, Lenski & Foster, B. F. Keith Bldg., Cleveland, archts.

**Ind., Muncie** — SCHOOL — Jan. 10, by President and University Officials, Easterr Indiana State Normal School, 2 story and basement, concrete or rein.-con. library and assembly building. $235,000.

**Mich., Detroit**—SCHOOL—Dec. 19, by C. A. Gadd, bus. mgr. Bd. Educ., 1354 Bway. Ave., 2 story and basement, rein.-con., brick and steel, plain foundation, Visger Ave. $200,000. McGrath, Dohmen & Page, 2231 Park Ave., archts.

**Minn., Duluth** — HIGH SCHOOL — Feb. 27, by C. Bronson, secy. Bd. Educ., 329 1st Ave. E., 3 story and basement, 64 x 232 ft., and 73 x 145 ft., rein.-con., brick and tile, concrete pile foundation, Woodland Ave. $460,000. C. W. Kelly, 505 Lonsdale Bldg., archt.

**Neb., Lincoln** — CHURCH — First Christian Congregation, R. E. Hunt, pastor, c/o E. G. Groves, archt., 222 Foster Bldg., Denver, Colo., taking bids 1 story and basement, 80 x 143 ft., brick and stone church, here. $250,000. Noted Nov. 26.

**Mo., St. Louis**—BIOLOGY—Dec. 22, by Jamieson & Spearl, archts., Arcade Bldg., 3 story, 54 x 214 ft. with 45 x 47 ft. wing, rein.-con., brick and stone, on campus, for Washington University, Skinker and Forsythe Blvds. $250,000. Noted July 30.

**Okla., Tulsa**—HIGH SCHOOL—Dec. 30, by C. D. Little, pres. Bd. Educ., Grover Cleveland Junior High School, 2 story and basement, 116 x 214 ft., rein.-con. and brick, plain foundation. Atlanta and Haskell Sts. $225,000. Cook & White, 409 Interstate Bldg., Kansas City, Mo., engrs. L. I. Shumway, Wright Bldg., archt.

**BIDS RECEIVED**

**Mass., Belmont** (Boston P. O.)—HIGH SCHOOL—Town, Bd. Selectmen, 2 story and basement, brick and stone, from Fuller Constr. Co., 31 Milk St., Boston, $185,618; heating and ventilating system, from R. B. Crocker, 107 Massachusetts Ave., Boston, $31,374. Noted Oct. 22.

**Mo., St. Louis**—SCHOOL—Bd. Educ., 911 Locust St., Dec. 2, general contract 2 story and part basement, 117 x 188 ft., brick, concrete and stone, Grand and Henrietta Sts., from J. J. Clarke Constr. Co., Arcade Bldg., $240,990; heating and ventilating, from T. J. Sheehan Plumbing Co., 2233 Olive St., $35,721.

**Calif., San Francisco** — SCHOOL — Bd. Pub. Wks., Henry Durant School, fireproof, Buchanan St. near O'Farrell St., general contract from F. L. Hansen, 251 Kearny St., for City and San Francisco Co. $289,668. Noted Nov. 19.

**CONTRACTS AWARDED**

**Mass., Agawam** — CHURCH — Flower Memorial Community Church, c/o W. Dibble archt., 21 Besse St., Springfield, 1 story and basement, 60 x 105 ft., brick and stone, to G. P. Sampson, 67 Thompson St., Springfield. Archts. est. $150,000. Noted Nov. 19.

**Mass., Charlestown** (Boston P. O.) — HIGH SCHOOL—Schoolhouse Dept., Boston, 2 story and basement, brick and stone addition, Bunker Hill Dist., here, to J. Bowen Co., 164 Dudley St., Roxbury. Archts. est. $150,000. Noted Oct. 29.

**Mass., Springfield**—SCHOOL—City, Public Buildings Dept., 2 story and basement, 60 x 135 ft., brick and stone, Rushville Ave., to S. W. Mellen, 293 Bridge St. Archts. est. $150,000.

**Mass., Taunton** — SCHOOL — City, City Hall, 2 story and basement, 75 x 125 ft., brick, steel and cast stone, High and Cohannet Sts., to L. M. Witherell & Sons Co., 29 Court St., $145,744. Noted Oct. 8.

**N. Y., Buffalo**—MUSEUM—Comr. Parks & Buildings, City Hall, for Natural Science Museum, rein.-con., steel and stone, Humbolt Park, to Felton Constr. Co., 1450 Michigan Ave., $617,000. Noted Sept. 3.

**N. Y., Yonkers**—CHURCH—St. Peters Roman Catholic Church, brick, steel and stone, plain foundation, Riverdale and Ludlow St., to J. J. McMahon, 56 Sagamore Rd. Archts. est. $200,000.

**Pa., Phila.**—SCHOOL—Bd. Educ., 19th and Chestnut Sts., general contract Senior High School, 4 story and basement, 159 x 168 ft., rein.-con. and brick, plain foundation, Media St. between 53rd and Peach Sts., to W. R. Dougherty 1608 Sansom St., $1,022,000; heating and plumbing, to S. Faith Co., 2427 Penna Ave., $95,996 and $46,996 respectively; and electrical work, to J. T. Casey, 207 South Front St., $43,785. Grand total $1,208,777. Noted Oct. 29.

**Md., College Park**—COLLEGE—Smith & May, archts., Calvert Bldg., Baltimore, 3 story and basement, 74 x 112 ft. chemistry building, and 1 story and basement, 53 x 130 ft. dining building, both brick, plain foundation, here, to Consolidated Eng. Co., 20 East Franklin St., Baltimore, for University of Maryland. Archts. est. $150,000. Noted Oct. 22.

**La., Bastrop**—HIGH SCHOOL—Bd. Educ. Morehouse Parish, 2 story, brick and concrete, to H. Cleveland, 1640 Templeman St., Shreveport. Archts. est. $150,000.

**O., Cincinnati** — SCHOOL — Bd. Educ., Denton Bldg., 3 story and basement, rein.-con. and brick, plain foundation, Elmore St., to Marcus Building Co., Reading Rd., $163,709.

**O., Youngstown**—SCHOOL—City, general contract Pleasant Grove School, to L. Androvichio, Youngstown, $212,100; heating and plumbing to Little Bros., 730 Oak Hill Ave., $36,850.

**Ill., Aurora** — HIGH SCHOOL — P. J. Muldoon, pastor, 1705 National Ave., Rockford, general contract 3 story and basement, 160 x 173 ft., rein.-con., brick and stone high school for catholic girls, to Wisconsin Eng. & Constr. Co., Green Bay, Wis. Archts. est. $250,000. Noted Oct. 29.

**Ill., Chicago** — HIGH SCHOOLS — Bd. Educ., 650 South Clark St., masonry and carpentry contract two 3 story, 600 x 600 ft., rein.-con., brick and slab, one West 111th and Wallace Sts., and other South May and West 81st Sts., to R-W Constr. Co., 720 Cass St., $1,798,980 and $1,795,930 respectively. Noted Oct. 8.

**Minn., Bemidji** — COLLEGE, etc. — See "Buildings—Industrial."

## Federal Government Work

**PROPOSED WORK**

**Texas** — Structures — Supt. Lighthouses, New Orleans, La., plans constructing 6 pile structures, along Houston Channel, Galveston Bay, here.

**Calif., San Rafael**—Dredging—U. S. Engineer Office, Custom House, San Francisco, rejected bids Nov. 13, dredging in San Rafael Creek, here. Noted Dec. 3.

**BIDS DESIRED**

**Ga., Atlanta**—Sewer—Jan. 5, by U. S. Veterans Bureau, Arlington Bldg., Wash., D. C., sewer line at U. S. Veterans Hospital, here.

**Ill., Chicago** — Plumbing — Jan. 4, by Treas. Dept. at office Supervising Archt., Wash., D. C., renewing plumbing, pipes, etc., at post office and courthouse, here.

**Wis., Janesville**—Post Office—Jan. 11, by Treas. Dept., at office Supervising Archt., Wash., D. C., remodeling and enlarging U. S. Post Office, here; adv. E. N.-R. Dec. 17.

**Minn., Fort Snelling** (br. St. Paul)—Hospital—Jan. 26, by U. S. Veterans Bureau, Arlington Bldg., Wash., D. C., hospital buildings, quarters, roads, etc., for U. S. Veterans Hospital, here, also separate bids for plumbing, heating, etc.; adv. E. N.-R. Dec. 17.

**Tex., Kelly Field** (Ind. sta. San Antonio) —Hangar—Jan. 4, by Constructing Quartermaster, Quartermaster Dept., Fort Sam Houston, San Antonio, constructing 66 x 260 ft. steel hangar, here. $150,000. A. W. Parker, Fort Sam Houston, San Antonio, engr.

**BIDS RECEIVED**

**Conn., New London**—Post Office—Treas. Dept. at Office Supervising Archt., Wash., D. C., remodeling and extending post office, here, from Garber & Cissell, Inc., Bethlehem, Pa., (1) $17,700 (2) $2,800 and (3) $2,700. Noted Dec. 3.

**Tex., Galveston**—Dredging—U. S. Engineers Office, Nov. 27, dredging in Sabine Neches Waterway, from Atlantic Gulf & Pacific Co., Scanlan Bldg., Houston, $391,680. Noted Oct. 29.

**Tex., Galveston**—Dredging—U. S. Engineers Office, Nov. 27, dredging 3,013,000 cu.yd. channel between Port Aransas and Corpus Christi, from United Dredging Co., 323 Security Bldg., $237,123. Engrs. est. $250,000. Noted Nov. 5.

**CONTRACTS AWARDED**

**Mass., Hingham**—Pier—Spec. 5176—Bureau Yards & Docks, Navy Dept., at 1st Naval Dist., Navy Yard, Boston, repairs to dock at Naval Ammunition Depot, here, to W. A. Norton Co., 77 Summer St., Boston, (1) $9,564, etc. Noted Nov. 26.

**N. Y., Sacket Harbor**—Quarters—Office Constructing Quartermaster, Madison Barracks, two 4 set married officers quarters, to F. B. Hannan, Lawton, Okla., $71,960; stable, to J. W. Cowper Co., Fidelity Bldg., Buffalo, $19,990; and N. C. O. and bachelor officers quarters, to Suburban Constr. Co., Moorestown, N. J., $61,635. Noted Nov. 12.

**D. C., Wash.**—Boiler Plant—Spec. 5152—Bureau Yards & Docks, Navy Dept., Wash., D. C., boiler plant at Naval Hospital, to Concrete Oil Tank Co., Mills Bldgs., $24,669. Noted Dec. 3.

**Va., Portsmouth**—Creosoted Pine Piles, etc. — Supt. Lighthouses, Custom House, Baltimore, Md., creosoted pine piles and lumber for rebuilding, etc., at Light House Depot, here, to Atlantic Creosoting & Wood Preserving Co., Bank of Commerce Bldg., Norfolk, $17,193 (45 days).

**Utah, Salt Lake City**—Post Office—Treas. Dept. at office Supervising Archt., Wash., D. C., mezzanine floor, etc., at post office, here, to H. W. Baum Co., Walker Bank Bldg., $5,140 (120 days). Noted Dec. 3.

## FEDERAL POWER COMMISSION

Application for Licenses and Permits

**Applications**

670—Econfina Power Co., Panama City, Fla.—Wants preliminary permit 30 ft. dam with power structures, to develop 1,500 hp. on Econfina Creek, Bay Co.

671—Utah Power & Light Co., Kearns Bldg., Salt Lake City, Utah—Wants license 225 hp. power project on Alpine Creek, Wasatch Natl. Forest, Utah Co.

672—Iron Mountain Mining Co., Superior, Montana—Wants license approximately 3 mi. transmission line, Mineral Co.

673—The Montana Power Co., 40 East Bway., Butte, Montana—Wants license about 93 mi. transmission line in Yellowstone, Big Horn and Rosebud Counties.

674—Mississippi Power Co., Gulfport, Miss.—Wants license transmission line in Jackson Co.

675—Utah Power & Light Co., Kearns Bldg., Salt Lake City, Utah—Wants license 240 hp. power project in Battle Creek, Utah Co.

676—R. K. Holland, 106 East Liberty St., Ann Arbor, Mich.—Wants preliminary permit power project in Fox River, La Salle Co., Illinois, near State of Illinois development (Project 287).

677—Southern Sierras Power Co., Riverside, Calif.—Wants license about 8 mi. transmission line, in Riverside Co.

## Unclassified

**PROPOSED WORK**

**Land Development—Dedham, Me.**—Lucerne-in Maine Com. Assn., 56 Post Office Sq., Bangor, plans land development, here. $750,000. C. B. Breed, 6 Beacon St., Boston, Mass., archt.

**Park—Brighton** (Boston P. O.)—**Mass.**—City, Pub. Wks. Dept., Boston, plans enlarging Rogers Park, here. $25,000. J. A. Rourke, comr.

**Dock and Bulkhead — East Lynn** (Sta. Lynn), **Mass.** — Lynn Gas & Electric Co., Exchange St., Lynn, plans dock and bulkhead, here. $25,000. F. Millspaugh, Lynn, engr.

**Swimming Pool—Worcester, Mass.**—Worcester Polytechnic Institute, R. Earle, pres., plans memorial swimming pool. $25,000 or more. Engineer and architect not selected.

Unclassified (Continued)

**Tower—Pawtucket, R. I.**—St. Cecelias Roman Catholic Parish, W. A. Hickey, pastor, having plans prepared 11 x 18 ft., brick tower, 165 ft. high. Private plans.

**Golf Course — Hartford, Conn.** — Park Comn., City Hall, plans golf course, Keeney Park. $30,000. Address City Engineer.

**Elimination Grade Crossing — Buffalo, N. Y.**—Delaware, Lackawanna & Western R.R., 90 West St., New York City, plans eliminating grade crossing at Colvin St., here. To exceed $90,000 G. J. Ray, Hoboken, N. J., ch. engr.

**Loading Dock—Buffalo, N. Y.**—Chevrolet Motor Co., 1001 East Delevan Ave., made plans concrete loading dock. $150,000.

**Resort Development — Hendersonville, N. C.**—L. Combs, Sarasota, Fla., purchased High Hampton estate embracing 2,200 acres, and plans development, incl. villa sites, drives, hotel, hunting lodge, etc., in Jackson Co., 54 mi. from here. $1,000,000.

**Lighting System—Monroe, N. C.**—See "Waterworks."

**Lighting System—Lynn Haven, Fla.**—Voted $35,000 bonds, lighting system and miscellaneous construction.

**Telephone Lines, etc. — Chattanooga, Tenn.**—Cumberland Telegraph & Telephone Co., 105 East 7th St., L. L. Billings, dist. mgr., plans to expend $300,000 during 1926 for improvements and extensions, etc.

**Stadium—Chattanooga, Tenn.**—City plans to raise funds to exceed $25,000 by popular subscription for concrete stadium. Engineer not selected.

**Street Cars — Nashville, Tenn.** — See "Buildings—Industrial."

**Transmission Line—Nashville, Tenn.**—See "Buildings—Industrial."

**Airplane Hangar—Cleveland, O.**—Ford Motor Co., Highland Park, Mich., having plans prepared by A. Kahn, 1000 Marquette Bldg., Detroit, Mich., 1 story, 124 x 358 ft., brick and steel airplane hangar, plain foundation, Riverside Dr., here.

**Trout Hatchery—Delta, Wis.**—C. F. Wolf, Birchwood, plans rein.-con. and steel trout hatchery on 1,480 acre tract, incl. dam and equipment, etc. Engineer not selected.

**Culverts—Eldorado, Kan.**—See "Bridges."

**Swimming Pool — Topeka, Kan.** — See "Buildings—Commercial."

**Transmission Lines—Spencer, Neb.**—See "Buildings—Industrial."

**Stadium — Fayetteville, Ark.** — See "Buildings—Educational, Religious."

**Gas Pipe Line — San Antonio, Tex.** — Houston Gulf Gas Co. (Seagraves-Moody interests), c/o M. Eskridge, Brady Bldg., making surveys 100 mi. gas pipe line from main line south to San Antonio. $1,500,000. Plans applying for city franchise to supply portion San Antonio with natural gas. Private plans.

**Electric Transmission Line—Oklahoma**—United Power Co., Pond Creek, plans 9 mi. electric transmission line from Medford to Pond Creek. $25,000. R. K. Johnston, Pond Creek, engr.

**Swimming Pool—Glendale, Calif.**—See "Buildings—Commercial."

**Power Lines—Bakersfield, Calif.**—See "Buildings—Industrial."

**Ornamental Lighting System — Los Angeles, Calif.** — Making plans concrete standards on portions of La Jolla Ave. and Donehy Dr., and steel standards on portions of Glendale Blvd. $25,000 or more.

**Pier and Pier Shed—San Francisco, Calif.**—State Bd. Harbor Comrs., Ferry Bldg., making preliminary plans concrete jacketed wooden pile pier and rein.-con. shed, 600 ft. long, 375 ft. wide, Channel St. $1,000,000. F. G. White, c/o owner, ch. engr.

**Playgrounds, etc.—San Leandro, Calif.**—Voted $25,000 bonds, fire alarm system; also defeated $125,000 bonds, enlarging parks and playgrounds. Noted Oct. 8.

**Pier—Venice, Calif.**—Church & Prior Co. plans 710 x 1,200 ft. amusement pier, entire project covering 20 acres, foot of Leona Blvd. Received permit for first 200 ft. piling. $1,500,000. Private plans.

### BIDS DESIRED

**Heating and Ventilating—Jamaica Plain (Boston P. O.), Mass.**—Home for Aged Women, South Huntington Ave., taking bids heating and ventilating system in Home for Aged Women. To exceed $25,000. Richardson & Gay, 220 Devonshire St., Boston, engrs.

**Turbo Generator Test Base—Lynn, Mass.**—See "Contracts Awarded."

**Stadium—Johnstown, Pa.**—Jan. 12, by Supt. Parks & Public Property, City Hall, structural steel stadium. J. E. Greiner & Co., Baltimore, Md., consult. engr.; adv. E. N.-R. Dec. 17. Noted Nov. 5.

**Airplane Hangar—Dearborn, Mich.**—A. Kahn, archt., 1000 Marquette Bldg., Detroit, taking bids 1 story, 124 x 358 ft., brick and steel airplane hangar, plain foundation, Oakwood Blvd., here, for Ford Motor Co., Highland Park.

**Electric Transmission Lines—Illinois**—See "Contracts Awarded."

**Power Line—Illinois**—See "Contracts Awarded."

**Docks—Chicago, Ill.**—See "Excavation, Drainage, Irrigation, Levees, River and Harbor."

**Street Lighting System—Green Bay, Wis.**—Dec. 21, by W. L. Kerr, city clk., c.i. brackets and bases for ornamental street lighting system on Bway., Walnut and Dousman Sts. $25,000.

**Transmission Line — Oklahoma** — See "Contracts Awarded."

**Coal Handling Plants — Melbourne, Australia**—Feb. 10, by Victorian Government Rys., 2 complete sets mechanical coal handling plants.

### BIDS RECEIVED

**Platform Extensions—Brooklyn, N. Y.**—Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., New York City, Dec. 14, extending subway station platforms of Rapid Transit Railroads, here, from C. Meads & Co., 217 West 14th St., New York City, (unofficial) $365,000. Noted Dec. 10.

**Subway—New York, N. Y.**—Bd. Transportation, J. H. Delaney chn., 49 Lafayette St., Dec. 8, subway Sect. 3, Route 102, extending under and along 8th Ave. from West 28th to West 37th Sts., from Rosoff Subway Constr. Co., 133 Madison Ave., (unofficial) $5,888,000. Noted Dec. 3.

**Ferry Boats—Oakland, Calif.**—Key System Transit Co., 22nd and Grove Sts., two 276 ft., steel, turbo-electrically driven ferry boats, from Moore Drydock Co., foot of Adeline St., $1,659,703.

### CONTRACTS AWARDED

**Turbo Generator Test Base—Lynn, Mass.**—General Electric Co., Western Ave., will build 40 x 120 ft., rein.-con. and wood pile turbo generator test base, by day labor. J. G. Trudinger, c/o owner, engr.

**Foundations, etc. — Phila., Pa.** — Comrs. Fairmont Park, City Hall, sandstone and granite foundations, etc., former approach to Museum of Art, Fairmont Park, Schedule A, incl. excavation, concrete footing and foundations, sewers, steps, check walls, etc. and Schedule B, incl. cascades, basins, wiers, retaining walls, etc., to G. A. Fuller Co., Morris Bldg., $558,000. Noted Dec. 3.

**Heating and Plumbing—Youngstown, O.**—See "Buildings—Educational, Religious."

**Switching Equipment, etc.—Detroit, Mich.**—Pub. Lighting Comn., 174 East Atwater St., switching equipment for new Morrell St. Power Station, and 3 switching stations, etc., to Westinghouse Electric & Mfg. Co., Chamber of Commerce Bldg., Pittsburgh, Pa., $785,500. Noted Oct. 15.

**Electric Transmission Lines—Illinois**—Pub. Serv. Co. of Northern Illinois, 72 West Adams St., Chicago, will build 65 mi. 33,000 volt Class A transmission line from Joliet to Streator and 20 mi. transmission line from Joliet to Lemont, by day labor. Private plans.

**Power Line—Illinois**—Illinois Power & Light Co., 414 Missouri Ave., East St. Louis, will build 10 mi. power line from Gillespie to Carlinville, by day labor. $50,000. Private plans.

**Foundation — Milwaukee, Wis.** — Plastic Products Co., Reservoir Ave., plain foundation for 1 and 2 story, 76 x 200 ft., brick and timber factory, Port Washington Rd., to L. J. Stanage, 3526 Cedar St. Noted Dec. 10 under "Buildings—Industrial."

**Dock—Duluth, Minn.**—Inland Coal & Dock Co., 50th Ave. W. and Lezeur St., 125 x 375 ft. coal dock, rein.-con. and timber on pile and rein.-con. foundation, on St. Louis Bay, to R. C. Buck, Inc., U. S. Natl. Bldg., Superior, Wis. Engrs. est. $275,000.

**Foundation, etc. — Minneapolis, Minn.** — Tenth Street Holding Co., 413 Natl. Bldg., foundation and excavation for 3 story and basement, rein.-con. and brick apartment hotel, 5th Ave. and 10th St., to V. Carlson & Sons, 534 Securities Bldg. Noted Oct. 22 under "Buildings—Commercial."

**Stadium — Columbia, Mo.** — Curators of University of Columbia, rein.-con. athletic field stadium, 25,000 seating capacity, to H. H. Carruthers, Inc., 3222 Cleveland St., Kansas City, $266,000. Noted Dec. 10.

**Oil Pipe Line—Arkansas**—Crusader Pipe Line Co., Schuler Bldg., El Dorado, 147 mi. 10 in. pipe line with Heine boilers and Wilson Snyder pumps, etc., from Smackover fields in Arkansas to Vidalia, La., pipe, auxiliary equipment and sundry supplies, to Continental Supply Co., 1501 Locust Blvd., St. Louis, Mo.; laying pipe line, etc., to J. J. Connor & Sons Constr. Co., 814 Security Bldg., Kansas City, Mo. Engrs. est. $2,500,000. This corrects report in Dec. 10 issue.

**Gas Distributing System—Beeville, Tex.** — City, natural gas distributing system, to N. A. Saigh Co., 510-12 Builders Exch. Bldg., San Antonio, $70,000.

**Ornamental Lighting System — Dallas, Tex.** — City, M. G. James, secy., ornamental lighting system on Young St. from Harwood to Houston Sts., to Mid-West Eng. Co., 4228 Main St., $40,593.

**Ball Park, etc.—Ft. Worth, Tex.**—Ft. Worth Baseball Club, c/o W. K. Stripling, pres., baseball park, incl. grand stand, 40 ft. high, 7,500 seating capacity, to Southwell & Abbott, 605 East 2nd St., $87,000. Archts. est. $125,000-$150,000. Noted Nov. 12.

**Transmission Line — Oklahoma** — Pub. Serv. Co. of Oklahoma, 301 World Bldg., Tulsa, will build 55 mi. 66,000 volt transmission line from Nowata to Tulsa, by own forces. $200,000. All material contracts awarded.

**Storage Tank—Oakland, Calif.**—Richfield Oil Corp., Bartlett Bldg., Los Angeles, steel oil storage tank at Parr Terminal, to Western Pipe & Steel Co., 444 Market St., San Francisco, $57,630.

**Swimming Pool—Pebble Beach, Calif.**—See "Buildings—Commercial."

## Materials

### PROPOSED WORK

**Road Material—Trenton, N. J.**—Mercer Co. soon takes bids 50,000 gal. road material. $10,000. H. F. Harris, Court House, Trenton, engr.

### BIDS DESIRED

**Paving Blocks—Long Island City, N. Y.**—Dec. 24, by M. J. Shugrue, acting pres. Queens Boro, Queens Subway Bldg., 150,000 asphalt paving blocks for Dept. Highways.

**Sand Grit, etc.—Long Island City, N. Y.**—Dec. 24, by M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., 5,000 cu.yd. sand grit, 30,000 tons steam ashes, 350,000 gal. asphaltic macadam binder, 600,000 gal. road oil for cold application, 50,000 each asphalt and wood paving blocks, 25,000 vitr. paving blocks, 2,000 bags Portland cement, and 864 lin.ft. 12 in. c.i. pipe.

**Steel—New York, N. Y.**—Dec. 23, by Bd. Transportation, 49 Lafayette St., J. H. Delaney, chn., structural steel, for portion of Rapid Transit R.R.

### BIDS RECEIVED

**Cement, etc.—Brooklyn, N. Y.**—J. A. Guider, pres. Brooklyn Boro, Boro Hall, Dec. 9, 5,000 bbl. Portland cement, from M. M. Canda, 184 3rd St., $13,650; 300 tons paving pitch, from Barrett Co., 40 Rector St., New York City, $7,951; 2,000 cu.yd. paving and concrete sand, from T. E. McCormick, 810 Lincoln Rd., $2,250, and 2,000 cu.yd. paving and concrete sand, from Hygrade Builders Supply, 6th St. and 2nd Ave., $2,180. Noted Dec. 3.

**Frames and Covers—Boston, Mass.**—City, Supply Dept., 260,000 lb. frames and covers for Pub. Wks. Dept., from E. L. LeBaron Fdry. Co., Brockton, $0.026 per lb.

### CONTRACTS AWARDED

**Crushed Stone — Hartford, Conn.** — Bd. Contr. & Supply, Municipal Bldg., about 51,000 tons crushed rock required for 2 year period beginning Jan. 1, 1926, to E. Balf Co., State St., $93,320. Noted Nov. 19.